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THE CHEMICAL MARKET AUTHORITY

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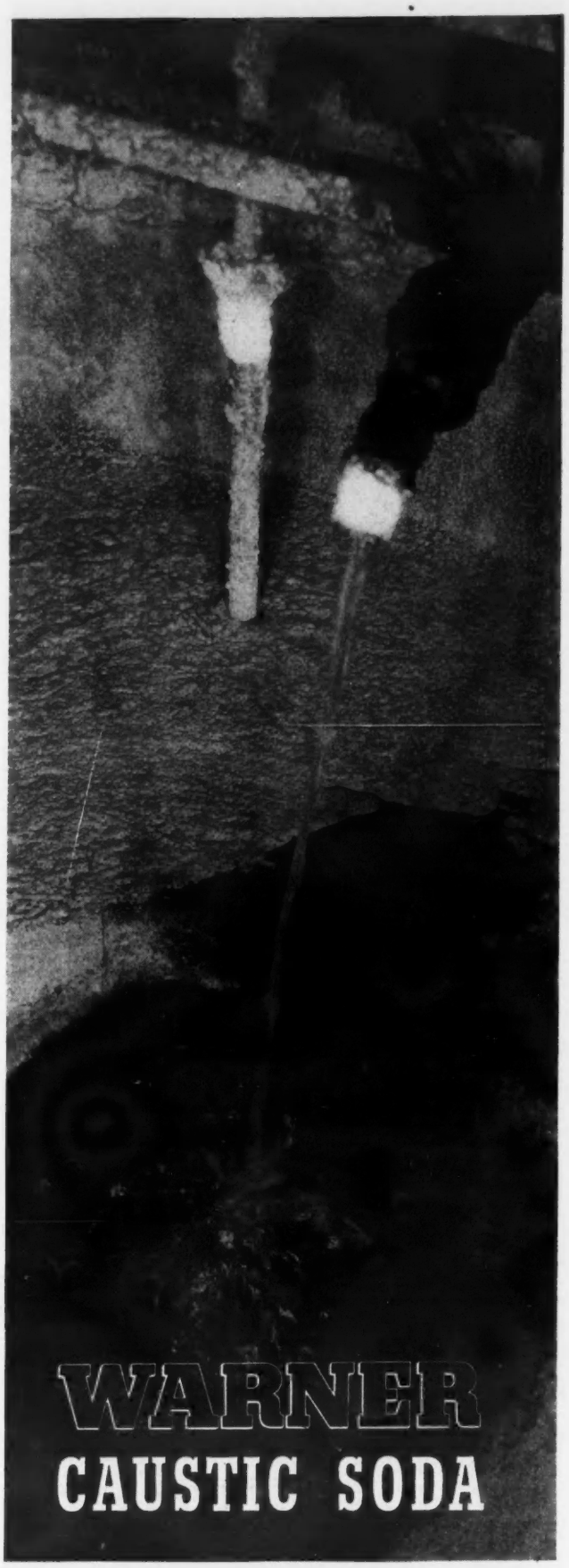

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Trade Ass'n Executives Discuss Antitrust Acts

OPD Washington Bureau
May 2, 1939

The semi-annual meeting of the American Trade Association executives was concluded today with the presentation of the American Trade Association Executives award for special achievement during the preceding year to the Portland Cement Association.

The award, a bronze plaque, was presented by Edward J. Noble executive assistant to Harry L. Hopkins, Secretary of Commerce, who headed the jury of awards and was presented for the association's work in developing a method of mixing cement with dirt for surfacing farm-to-market roads for light traffic at a construction cost of about one-third of former methods.

Speakers at the convention included Thurman W. Arnold, assistant attorney general; Dr. Stuart A. Rice, chairman of the Central Statistical Board; Colonel Harry K. Rutherford, director of the planning branch of the War Department; L. Metcalfe Walling, administrator of the division of public contracts of the Department of Labor.

Mr. Arnold promised to use the rule of reason in enforcing the anti-trust law, but he defended the Sherman act as America's contribution to economic legislation and declared that it must always serve as the referee in the game of competition. Antitrust enforcement is not a moral problem, he declared, but is the problem of continuous direction of economic traffic and requires the exercise of judgment. He stated that the Sherman act would not be enforced literally where this would not bring about an economic advantage as in cases where combinations contribute to the efficiency of mass production, or

—Continued on page 43

F.T.C. Order Hits Buying by Trade Ass'n

Quality Bakers of America, a trade association composed or approximately seventy member wholesale baking concerns located in various sections of the United States, has been served by the Federal Trade Commission with an order prohibiting violation of the brokerage section of the Robinson-Patman act.

Other respondents include Quality Bakers of America, Inc., service and purchasing agency, the stock of which is owned by the association members, with offices at the association headquarters in New York; six baking companies named as being representative of the association membership, the association officers and executive committee members.

Findings of the commission were that the baking companies, composing the membership of the association, Quality Bakers of America, through stock ownership controlled by the service company, Quality Bakers of America, Inc., and used it as their purchasing agent in buying bakers' supplies, equipment and machinery.

On these purchases the service company received and accepted from more than 200 manufacturers and other sellers brokerage fees in connection with which neither the service company nor

—Continued on page 43

TNEC Sets May 15 Deadline For Trade Ass'n Query Answers

OPD Washington Bureau
May 4, 1939

Trade associations unwilling to cooperate with the anti-monopoly investigating committee by answering questionnaires mailed to them in September, will be subpened, Assistant Secretary of Commerce Patterson announced today.

In a letter addressed to 250 trade associations who have failed to reply to the questionnaire, Mr. Patterson said the investigating committee had attempted three times to obtain an answer. He set May 15 as the deadline.

Stream Pollution Bill Passed by Senate

OPD Washington Bureau
May 1, 1939

The senate today passed and sent to the house the Barkley stream pollution bill (S. 685) after defeating amendments to authorize the use of injunctions to terminate pollution.

The bill as passed is almost identical with the measure passed by both houses in the last Congress but meets the objections of the President by providing that recommendations for loans and grants for the construction of pollution control works be submitted to Congress through the Bureau of the Budget as in the case of other appropriations. The bill sets up a Division of Water Pollution in the U. S. Public Health Service to cooperate with States in making surveys of navigable streams and recommending methods for reducing pollution. Federal loans and grants-in-aid may be recommended by the U. S. Public Health Service to assist municipalities and industries in controlling pollution.

Chief debate in the senate was on an amendment offered by Senator Bennett Clark of Missouri to place the proposed division under chief of engineers of the War Department and to direct the Department of Justice to bring injunction suits to abate nuisances existing in the deposit of waste into navigable waters. Senator Alben W. Barkley, author of the measure, led the successful fight against the Clark amendment, arguing that the proposal is too drastic at the present time and that the Federal government should make a start on the stream pollution problem by cooperating with the States and assisting municipalities and industries in solving the problem voluntarily.

USP Revision Convention To Be Held May 14, 1940

The United States Pharmacopial Convention will meet in Washington, May 14, 1940. Walter A. Bastedo, president of the convention, has issued invitations to the several bodies represented therein to appoint three delegates and three alternates to the convention for the revision of the United States Pharmacopeia.

A.D.M.A. Meeting Discusses Laws, Labeling, and Research

Hot Springs, Va., May 4, 1939

Research, pure or fundamental, directed to the larger possibilities of pharmacologic science, and that of more immediate application to the improvement of existing drugs and chemicals, was of outstanding importance among the matters considered by the American Drug Manufacturers Association in its twenty-eighth annual meeting, which closed here today. Aside from the attention naturally given to research in the session of the scientific section, its importance industrially, commercially, and socially was stressed in the address of the president, Dr. John F. Anderson, of E. R. Squibb & Sons, and presented as a desirable objective and service in the address of Carson P. Frailey, executive vice-president and secretary.

The most intense interest of the meeting was at today's session when Dr. J. J. Durrett, technical adviser of the Food and Drug Administration, explained what was officially regarded to be necessary information in an application for a new drug. The other speaker today was Dr. Paul N. Leech, secretary of the A.M.A. council on pharmacy and chemistry, who compared the rules of the council for the acceptance of a drug product with the requirements of the food, drug, and cosmetic law.

S. DeWitt Clough
New A.D.M.A. President

The annual address of President Anderson was an able review and interpretation of the legislative movement which had brought into existence the new Federal food, drug, and cosmetic act and the Wheeler-Lea act setting up regulation of advertising by the Federal Trade Commission. In these laws, Dr. Anderson saw eventual benefits for the drug industry, although the necessary adjustments would be somewhat troublesome. He commented briefly also on the program of State legislation supplementary to the two Federal acts.

—Continued on page 54

Drug Law Guaranty Form Modeled by Trade Groups

As a result of a recent conference attended by counsel and executives of the leading associations in the drug and toilet goods field, a model form of guaranty for use under food, drug and cosmetic laws, either Federal or State or both, has been unanimously approved.

The form was submitted to the National Wholesale Druggists Association, the Proprietary Association, the American Pharmaceutical Manufacturers Association, the National Association of Chain Drug Stores, the Federal Wholesale Druggist Association, the American Drug Manufacturers Association and the Toilet Goods Association, all of whom but the last two associations have expressed the opinion that the form is entirely satisfactory. A facsimile of the model guaranty form follows:—

The undersigned (name of person giving guaranty), whose address is (address of person giving guaranty), hereby guarantees that no food, drug, device or cosmetic constituting, or being part of, any shipment or other delivery now or hereafter made to you by the undersigned will, at the time of such shipment or delivery, be adulterated or misbranded within the meaning of the Federal food, drug, and cosmetic act, or within the meaning of any applicable state or municipal law in which the definitions of adulteration and misbranding are substantially the same as

—Continued on page 63

Drug Law Deferment Bill Conference Asked by House

OPD Washington Bureau
May 5, 1939

The Lea bill (H. R. 5762) designed to postpone from June 25, 1939, to January 1, 1940, certain provisions of the new Federal food, drugs, and cosmetic law, has been passed by both houses of Congress; but the house has refused to accept the Pepper amendment added in the senate and has asked for a conference on the measure. The house has named as its conferees Mr. Lea, Mr. Chapman, and Mr. Mapes. The senate is adjourned until Monday.

The sections of the law affected by the Lea bill are those which require certification of all coaltar colors used in foods, drugs, or cosmetics and require certain affirmative information to be given in the labeling. The bill also would revise the requirement in respect of the stating of narcotic and hypnotic components on the label of a drug by substituting for the terms, "name, quantity, and percentage," the terms "name, and quantity or proportion".

The senate passed the bill without debate or a record vote May 4. The senate form of the bill differed from the house bill to the extent of the Pepper amendment, and one minor change in punctuation.

The Pepper amendment, added by the senate committee on commerce, May 2, modified a provision in the bill passed by the house which authorized the Secretary of Agriculture to extend certain labeling provisions beyond January 1, 1940, but not farther than July 1, to the extent that compliance would be unduly costly and the public welfare regarded. This was not to apply to labeling prepared after February 1, 1939, nor to information required by the 1906 law. These limitations were retained in the bill passed by the senate, but the amendment made it mandatory that further postponement be allowed in accordance with the following:—

Provided:—That persons who not later than December 1, 1939, notify the secretary by affidavit, setting forth the facts, that compliance on January 1, 1940, with the labeling provisions enumerated in this subsection would be unduly burdensome and that the public interest is being adequately served, shall, as a matter of right, be exempted from compliance therewith until July 1, 1940.

Drug Law Color Regulations Signed

OPD Washington Bureau
May 5, 1939

Secretary of Agriculture Henry A. Wallace today signed regulations applying to the certified coaltar colors provisions of the food, drug, and cosmetic law. These regulations become effective immediately under an emergency finding.

The text of the regulations will be published in the *Federal Register* May 9.

Proprietary Ass'n Meets In This City May 15-17

A discussion of the first year of enforcement under the Wheeler-Lea amendments to the Federal trade commission act by a member of the commission will feature the "Advertising Clinic" to be presented at the 1939 convention of the Proprietary Association, to be held May 15 to 17 in the Biltmore hotel, this city.

A meeting of the scientific section of the association will start the first day's session, with a meeting of the foreign trade section scheduled for the afternoon, and a dinner-meeting of the veterinary section in the evening.

The morning session of the second day will be devoted to a general discussion. The advertising clinic will then be held following a fellowship luncheon. On the third day it is planned to hold general sessions for the discussion of State and Federal legislation affecting the industry.

MAY 1939 XUM

Closing Market Developments

Dried Blood Price Reduced

Due to large inventories and slack demand, some sellers offered domestic dried blood at $2.65 per unit-ton, f.o.b. New York. This was 10c less than the price two weeks ago and 5c. below the quotation earlier last week.

Cottonseed Oil Easier

Refined cottonseed oil futures were easier on Friday in company with lard. Trading was dull, sales for the day being only 55 contracts. July closed at 6.78c. and September 7.08c., these prices showing a moderate decline for the day, and also as compared with the final quotations of the previous Friday. Southern markets for cottonseed products were quiet and steady.

Tin Salts Remain Firm

Tin derivatives failed to record any changes late in the week. The tone of the market was firm, however, reflecting the strength in the metal. Straits tin closed at 49¼c. per pound.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Cobalt:—The exportation, re-exportation, transit, and transshipment of cobalt have been prohibited in Algeria except under conditions to be fixed by the French minister of finance.

Fertilizer Materials:—A Cuban presidential decree declares that di-ammonia phosphate, ammonia nitrate of not more than 95 percent purity, and calcinated magnesium sulphate, to be articles of prime necessity, and subject to the minimum rate of import duty, regardless of their country of origin.

Ores:—The exportation of tin, tungsten, antimony, zinc, and lead ores has been made subject to export permit in French Indochina.

Parcel Post:—Ordinary parcels, insured and C.O.D. service, will be accepted for mailing to Colombia.

Parcel Post:—Insured parcels, as well as ordinary parcels, up to 22 pounds per parcel in weight, are now accepted for mailing to Mozambique.

Perfume Components:—The Rumanian import duty on certain essential oils, including anise, caraway, citronella, eucalyptus, and wintergreen, as well as acetates, aldehydes, benzoates, ethers, and other chemical products used in perfumery has been increased from 75 lei to 200 lei per kilo net.

Toluol:—A consumption tax of 6.50 lei per kilo has been levied on toluene produced or imported into Rumania.

U.S. to Probe Oil Monopoly in California

OPD Washington Bureau
May 1, 1939

The Department of Justice will begin in the near future an inquiry before a Federal grand jury in the Southern District of California with reference to alleged monopolistic practices by oil companies in the Pacific coast area in the distribution of petroleum products.

The major oil companies produce 84 percent of the gasoline refined and distribute 85 percent of the gasoline marketed in the Pacific coast area. In 1936 the price of gasoline rose sharply throughout the Pacific coast area, and it has since exhibited a stability without precedent in the area. By reason of two price advances in April, 1936, the majors' retail price for third structure gasoline in Los Angeles went from 7½c. to 12c. per gallon, exclusive of taxes; on first and second structure gasoline the advance was 4c. a gallon. At the same time prices on all three grades were raised 4½c. throughout the balance of the area.

In March, 1937, the majors made an additional advance of ½c. a gallon on all grades throughout the area. There have been no general reductions since April, 1936, in the majors' posted prices for gasoline. These price advances have made the practices in the Pacific coast area the subject of complaints and government investigations extending over a considerable period of time.

Chemical Prices Lack Strength

Although there were relatively few price changes last week in the markets for heavy and fine chemicals and these were not of major importance, the price structure was not strengthened. Two grades of glycerin were higher; the local quotation on special solvent alcohol was reduced.

Business was still quiet and more spotty. Consumers did some replacement buying, but the weather was not stimulative, and the coal situation had a retarding influence.

Prices were advanced on soaplye and saponification glycerins, dark rosins, and some Philippine and Loba copals.

Prices were reduced on imported silicofluoride of soda, special solvent denatured alcohol in this metropolitan area, refined isobutyl alcohol, valonia cups, African wattle bark, Batavia dammars, medium rosins, and dried blood and ground tankage in the local market.

The REPORTER's composite index number of prices for heavy and fine chemicals remained at 125.8 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.0, compared with 89.4 at this time last year and 89.5 in 1937.

Contents of This Issue

News and Statistics

A.D.M.A. Meeting Discusses Laws, Labeling, and Research 3
Australian Chemical Industry Reported Making Progress 37
American Cyanamid Reports Earnings for First Quarter 57
Aluminum Salts Output Declined in 1938 34
Barrett Co. to Erect Synthetic Phenol Plant 37
BIMS of Boston Headed by Kelly .. 63
Barium Monoxide Uses Described by Barium and Chemicals, Inc. 34
Bauxite Shipments Off in 1938 34
Bolivia Imported Chemicals Worth $1,750,000 in 1938 35
Becket Heads Chemists' Club 5
Commerce Chamber Asks Removal of Government Business Curbs ... 5
Carbide and Cyanamide Output Launched in North China 57
Coca-Cola Co. Elects R.W. Woodruff Chairman 56
Colson Corp. Introducing New Universal Drum Truck 31
Chemical Salesmen to Golf 34
Continental Can Reports Earnings for First Quarter 34
Chemurgic Conference in Columbus May 19 44
DuPont Gets Patents on Fabrics Made of 'Nylon' 37
Dextra-Cola Registration Refused Corn Product Co. 63
Dry Colors Booklet Issued 43
Du Pont Earnings Up 34
Drug Act Department Bill Conference Asked by House 3
Drug Law Color Regulations Signed 3
Drug Law Guaranty Form Modeled by Trade Groups 3
Ethyl Gas Extends Research 56
Ethyl Alcohol Tax Reduction Sought 5
Fertilizer Conference to Be Held at Cornell University 57
Flaxseed Initial Shipment Made from Taft, Texas 43
F.T.C. Order Hits Buying by Trade Ass'n 3
F.T.C. Studies Fair Trade 5
German Dyestuffs Exports Register Sharp Decline 37
'Givaudanian' Discusses Certain Business Forecasts 54
Handy Heads Celluloid Corp 44
Italy's Chemical Industry Continued Active Last Year 44
Lacquer Sales Up 38
Linseed Oil Exports in 1938 by Netherlands Show Drop 35
Mallinckrodt Wins Bowling Race ... 64
Manganese Sulphate in Fertilizers Discussed 57
McK.&R. to Move Accounting Dept. to N.Y. 56
Matlack Made N.P.V.L.A. Budget and Finance Chairman 43
McNulty Chosen Wage-Hour Counsel 5
M.C.A. to Meet in Skytop June 1-2. 5
Monsanto Acquires Resinox Corporation 5
Neville Issues Products List 38
N.Y. Section of A.C.S. Elects Hammett 5
N. P. V. L. A. Credit Club Reviews Activities 38
N.J. Standard Oil Appoints Hand Marine Dept. Head 56
N.Y. Paint Club Annual Meeting May 11 43
Olie Raffinadery 'Witol' Producing Mineral Oil 56
Petroleum Production 55
Penick Distributing Guide for World Fair Visitors 63
Petroleum Market Status 56
Pepsi-Cola Stock Sought in Suit by Devoine Co. 34
Palm Oil Iron Drums Subject to 25% Duty 44
Proprietary Ass'n Meets in This City May 15-17 3
Purchasing Agents to Meet in San Francisco May 22 5
Reardon Made Head of St. Louis Paint Club 38
Sesame Seed Cultivation Successful in Texas 47
Soap Production Gained in First Quarter 47
Staley to Erect Soybean Plant in Ohio 47
Spice Trade Ass'n Plans for Convention Completed 54
Shell Group Upheld in Mexican Oil Sales Case 56
Sulphonated Oil Ass'n to Golf at Absecon May 24-25 63
Sulphuric Acid Output Gained in 1937 34
Steel Barrel Output Up 35
Stream Pollution Bill Passes Senate 3
S.D. No. 1 Alcohol Ruled for Proprietary Antifreeze 5
Small Business Ass'n Offers Tax Revision Program 5
Statistical Board Extension Sought. 5
Schoelkolf Medal Awarded Vaughn. 4
Toronto Production Club Studies Carbon Blacks 38
Tariff Commission Analysis Parcel Post Imports Issued 35
Trade Association Executives Discuss Antitrust Act 3
TNEC Sets May 15 Deadline for Trade Ass'n Query Answers 3
U.S.P. Revision Convention to Be Held May 14, 1940 3
U.S. to Probe Oil Monopoly in Calif. 4
Vanadium Ores Output Up Sharply in 1938 35
Zinc Institute Re-elects 44

General Features

Advertisers' Index 65
Bids Wanted 38
Chemical Price Trends 4
Classified Advertisements 64
Closing Market Developments 4
Editorials 26
Foreign Trade Rules 4
Industrial Uses of Chemicals 32
Obituaries 35
Prices Current 7
Scientific, Professional Services .. 44
Trade News Briefs 31, 50
What You Can Use 52
Where You Can Sell 32

Market Reports

Botanical Drugs, Spices, Gums ... 51
Coaltar Chemicals 36
Drugs and Fine Chemicals 49
Dyestuffs, Textile and Leather Chemicals 33
Essential Oils and Aromatics 53
Fertilizer Materials 57
Heavy Chemicals 28
Oils, Fats and Waxes 45
Paint, Varnish and Lacquer Materials 39
Petroleum Solvents, Lubricants, Fuels 55

Shipping Information

Cargo Ship Arrivals 63
Charters 63
Coastwise Shipments 63
Exports 61
Imports 58
Imports Detained 63

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Vaughn Awarded Schoellkopf Medal

The Jacob F. Schoellkopf Medal for 1939 will be presented by the Western New York section of the American Chemical Society to Charles F. Vaughn, of the Mathieson Alkali Works, on May 15. Mr. Vaughn's major contribution to the chemical industry was the development of the Castner cell for chlorine and alkali production, and as a pioneer in the manufacture of liquid chlorine.

One of Mr. Vaughn's earliest accomplishments was the first industrial application of the graphitization of carbon electrodes, carried out for the Mathieson organization in Saltville, Va., in 1897.

During the World War, Mr. Vaughn's position as an outstanding authority on the peacetime production of chlorine was recognized by the Government and he was commissioned as a major in the Chemical Warfare Service. He designed a liquid chlorine plant at Edgewood arsenal which became, at that time, the largest chlorine plant in this country. He was given complete charge of chlorine operations at Edgewood and before the close of the war was advanced to the rank of lieutenant-colonel.

Wage-Hour Amendments Reported by House Group

OPD Washington Bureau
May 3, 1939

The house is scheduled to act soon on the bill to amend the wage and hour law just reported by the house committee on labor.

The bill (H.R. 5435) was introduced by Representative Mary T. Norton of New Jersey at the suggestion of the wage and hour division of the Department of Labor, but includes other amendments approved by the committee. It liberalizes the fair labor standards act in a number of respects, the chief of which are broader and more uniform exemptions from the hours provision for employees engaged in certain operations connected with the movement and operation of certain agricultural commodities to the market and an hour's exemption for all employees with a guaranteed monthly salary of $200 or more, regardless of their occupation.

The bill also permits the administrator to make regulations appropriate to carry out the act, provides for committees to make differential minimum wage rates for Puerto Rico and the Virgin Islands, and makes a number of other procedural amendments. A new provision prohibits interstate shipment of goods produced by prison labor.

Drug Profit Equalization Suggested to Chain Group

A more equitable distribution of profits by drug manufacturers between the chains and the independent drug stores was asked by Fred J. Griffiths, of the Pennsylvania Drug Company, this city, and secretary of the National Association of Chain Drug Stores, at the opening of the second annual convention of the association May 4, in White Sulphur Springs, W. Va.

Mr. Griffiths also urged that chain stores stop fighting public disapproval and seek public confidence by working with independent stores through joining local associations, and that the Robinson-Patman Act be amended to permit discounts to chains as are now allowed to wholesalers, since many chains serve as such.

Four directors were re-elected for three-year terms in the early sessions of the convention. They are:—E. Roy Albright, of Albright & Wood, Mobile, Ala.; Sidney Besthoff, jr., of Katz & Besthoff, New Orleans; G. C. Carey, of Harvey & Carey, Buffalo, and T. N. Beavers, Peoples Drug Co., Washington.

Iowa Chain Store Tax Bill Held Unconstitutional

Des Moines, Iowa, May 2, 1939

Provisions in the chain store tax bill passed recently by the State senate and now pending in the house, has been held unconstitutional by State Attorney-General Everett. The opinion challenges the validity of the fair trade practice section of the bill which was aimed at "loss leaders" and the provisions for taxing chain store merchandise in transit or in storage.

In addition, the attorney-general suggested that the constitutionality of the bill might be in doubt unless the bill was divided into two bills instead of one, because the senate measure dealt partly with chain stores exclusively and partly with all retailers.

SD No. 1 Alcohol Ruled On Proprietary Antifreeze

OPD Washington Bureau
May 4, 1939

The Secretary of the Treasury, it is learned on good authority, has ruled that specially denatured alcohol formula No. 1, which contains five parts of denaturing grade wood alcohol, may be used in the manufacture of proprietary antifreeze preparations provided the finished product is sold only in packages of one gallon or less, provided it bears a prescribed poison warning label, and provided the word "alcohol" does not appear on the package.

This is a partial reversal of the stand taken by the department before the repeal of the prohibition law when formulas containing wood alcohol or other poisons were withdrawn from antifreeze uses, and is the result of a five year attempt of the alcohol industry to return to the use of methanol as an antifreeze denaturant. During recent years only completely denatured alcohol has been authorized for proprietary antifreeze preparations. In usuing SD No. 1, manufacturers need add only

—Continued on page 64

Purchasing Agents to Meet In San Francisco May 22

The National Association of Purchasing Agents will hold its twenty-fourth annual international convention in San Francisco May 22. The meeting will be opened by the president of the association, Joseph V. Nicholson, purchasing agent for the City of Milwaukee.

Among the outstanding public and industrial leaders who will address the gathering are Thurman W. Arnold, of the Department of Justice; Prentiss L. Coonley, of the Business Advisory Council; Dr. Rufus B. von KleinSmid, of the University of Southern California, and J. Hugh Jackson, of Leland Stanford University, whose topics will deal with relationships between business and government, and the foreign situation. Almon E. Roth, of the San Francisco Employers' Council, will talk on employer-employee relations.

Robert W. Strauss, of the General Motors Corporation, Detroit, and Francis J. Curtis, of the Monsanto Chemical Company, St. Louis, will present the latest developments in material research.

Seventy-five nationally-known industrial companies will exhibit their products at an exhibit held in conjunction with the convention. May 23 has been designated Purchasing Agents' Day at the Golden Gate International Exposition in San Francisco.

Monsanto Co. Buys Resinox Corporation

The Monsanto Chemical Company, St. Louis, has acquired the Resinox Corporation, this city. The Resinox organization, third largest manufacturer of phenolic plastics molding compound, with manufacturing plant and research laboratories in Edgewater, New Jersey, was jointly organized in 1930 by the Commercial Solvents Corporation and the Corn Products Refining Company to continue research in plastics the two companies had been conducting since 1925.

The sales activities of the Resinox organization had been carried on through the Commercial Solvents until early in 1937 when a separate selling staff was set up under Charles Lichtenberg, formerly of Commercial Solvents, who was appointed vice-president in charge of sales. Mr. Lichtenberg continues in charge of Resinox sales activities under the Monsanto ownership. The financial details of the acquisition were not divulged by the Monsanto company, but it was stated that all Resinox personnel is being retained.

G.A. McNulty Chosen As Wage-Hour Counsel

Elmer F. Andrews, Wage-Hour Administrator, announced tonight that George A. McNulty would be appointed general counsel of the Labor Department's wages and hours division to succeed Calvert Magruder, who has been nominated to the United States Circuit Court of Appeals, Boston.

Mr. Andrews said that Mr. McNulty, now associate general counsel, would be elevated as soon as Mr. Magruder was confirmed by the senate. Mr. McNulty's present assignment will be filled by Rufus G. Poole, assistant general counsel.

Ethyl Alcohol Tax Reduction Is Sought

OPD Washington Bureau
May 1, 1939

A bill to reduce the tax on ethyl alcohol for non-beverage purposes was introduced in the house today by Representative Harold Knutson of Minnesota and referred to the committee on ways and means. The bill (H.R. 6068) would amend the revenue law by providing that upon all ethyl alcohol withdrawn and used for other than beverage purposes the tax shall be $1.10 per proof gallon.

Chemists' Club Names F.M. Becket President

Frederick M. Becket, of the Carbide & Carbon Chemicals Corporation, was elected president of the Chemists' Club, this city, at its fortieth annual meeting, held May 3. Elected with Mr. Becket were:—Resident vice-president, C. R. Downs, of Weiss & Downs, Inc.; nonresident vice-president, Gustav

Frederick M. Becket

Egloff, of the Universal Oil Products Company, Chicago; suburban vice-president, Cyril B. Clarke, of the American Cyanamid Company; secretary (re-elected), Robert T. Baldwin; and treasurer, Ira Vandewater, of R. W. Greeff & Co.

New trustees chosen for three-year terms were Ralph E. Dorland, of the Dow Chemical Company, and Thomas C. Oliver, consultant chemist.

Mr. Becket, a native of Montreal, Canada, holds degrees of B.A.Sc. and L.L.D. from McGill University, and an A.M. and an honorary Sc.D. from Columbia University. Prior to his connection with the Union Carbide & Carbon Company, whom he joined in 1906,

—Continued on page 31

Commerce Chamber Asks Repeal Of Government Business Curbs

OPD Washington Bureau
May 3, 1939

The removal of government-made obstacles to business recovery and the free flow of new investment capital was the theme of the twenty-seventh annual meeting of the Chamber of Commerce of the United States which adjourned today after four days of sessions.

Under the basic theme of "the key to recovery" speakers at general and group sessions discussed many angles of the current business situation and the relation of the Government to it, and the general conclusion was that Federal taxes and regulations are the greatest hinderance to a sustained economic improvement. Notably absent from the program were policy-making executive officials of the Government, although a number of members of Congress took prominent parts in the discussions. That business is looking more to Congress than to the Administration was shown by a new feature of the program in which delegates from individual States and groups of States held dinners with their members of Congress for the purpose of mutual acquaintance and discussion of immediate problems.

The temper of the convention and the concensus of most of the addresses and group discussions are shown in the resolutions adopted at the close of the session today. Among the ideas embodied in these resolutions were the following:—

Capital Markets

Congress should immediately take affirmative action to stimulate the free flow of capital by modifying laws and regulations relating to the issuance of private securities and by refraining from considering new measures which would give rise to additional uncertainties.

Science

Great possibilities for enduring expansion in the volume of business and employment lie in the practical application of the results of scientific reasearch and it is of greatest importance that no obstacles be placed in the way of the most intensive utilization of the results of invention and scientific discovery.

Relief

Federal relief expenditure should be based on local needs and financial ability.

—Continued on page 31

M.C.A. to Meet In Skytop June 1-2

OPD Washington Bureau
May 4, 1939

The Manufacturing Chemists Association will hold its annual meeting in Skytop lodge, Skytop, Pa., June 1-2.

The business session Thursday morning will be presided over by E. M. Allen, president of the Mathieson Alkali Company, and president of the Manufacturing Chemists Association. Following reports of the secretary and treasurer and of the executive committee, officers for the ensuing year will be elected. W. B. Bell, president of the American Cyanamid Company, and a close student of foreign affairs, will speak on the present international situation. Employer-employee relations will be discussed by Henry Clifton, jr., a recognized authority on this subject. This will be followed by an address by Charles F. Kettering, head of the research department of the General Motors Corporation and well known as a creative genius. After each talk the meeting will be thrown open for general discussion.

Thursday evening the association will join in a union dinner with the Synthetic Organic Chemical Manufacturers Association as host, at which the speaker will be Dr. Robert C. Clothier, president of Rutgers University. Members of the two associations will hold a golf tournament Thursday and Friday.

N.Y. Section of A.C.S. Elects Hammett Head

Prof. Louis P. Hammett, of Columbia University, was elected chairman of the New York Section of the American Chemical Society at its annual meeting May 4 in the Hotel Pennsylvania.

Dr. Robert Calvert, consulting chemist and chemical patent attorney, was named to the newly-created post of chairmen-elect. William W. Winship, present chairman of the section, becomes treasurer. Dr. Cornelia T. Snell was re-elected secretary. Directors chosen in addition to the officers are Ralph H. Muller, of New York University; Rev. Francis W. Power, of Fordham University, and Dr. Robert R. Williams, of the Bell Telephone Company.

Small Business Ass'n Offers Tax Revision Program

The American Federation of Little Business has submitted to the Department of Treasury a five-point program for the revision of the tax structure in the interest of business recovery. The recommendations were concerned with the corporation income tax structure, the undistributed profit tax, capital stock and excess profit taxes, the social security tax system and the surtax rates on individual incomes. The federation's recommendations are the following:—

1. Modification of the corporate income-tax structure to allow a $3,000 credit to small corporations and to permit the deduction of operating losses incurred in lean years.
2. That the undistributed profits tax be permitted to expire in 1939.
3. That the capital gains and excess profits taxes be repealed.

Would Reduce Payroll Tax

4. Changes in the social security tax system to place it on a pay-as-you-go basis; reduction of rates from one to one-half of 1 per cent; investment of reserve funds in outstanding government bonds at current rates, and simplification of the reporting system which, in the language of the recommendation, is becoming a serious problem to the small business man.
5. Reduction of the high surtax rates on personal incomes and the elimination of the tax-exempt feature of future issues of government securities.

F.T.C. Studies Fair Trade Conditions Under State Laws

OPD Washington Bureau
May 5, 1939

The Federal Trade Commission today announced that its economic staff is conducting an investigation of resale price maintenance as practiced under the various State fair trade laws.

The commission's appropriation act for the coming fiscal year carries an item of $65,000 for this investigation, and work has already been started under the commission's general funds for the current year. The commission's resolution directing the investigation calls for a study of the extent, effects, and methods of the development of resale price maintenance under statutes legalizing it under certain conditions. The commission's announcement states:—

"It is planned that the investigation shall embrace among other things (1) a study of the prices charged by manufacturers and retail dealers for commodities under price contract as compared with such prices, for similar competing commodities not under price contract, (2) a study of the quality received by the consumer in his purchase both of commodities under price contract and of similar competing commodities not under price contract, and (3) methods employed in obtaining the support of industry and the retail and wholesale trade for resale price maintainance and in the practical establishment thereof."

The views of the Department of Justice on resale price maintenance legislation will be sought by the house committee on the District of Columbia which is now considering a bill to enact the so-called model State fair trade act for the District.

The bill was reported by the committee, but, because of objections, action on it was postponed by the house and the committee is now holding hearings which have become quite controversial, and the committee agreed to ask for an expression of opinion from the Attorney General. Various officials of the Department of Justice and the Federal Trade Commission have in the past expressed opposition to the principle of resale price maintenance.

Statistical Board Extension Sought

OPD Washington Bureau
May 3, 1939

The house committee on expenditures is expected to make an early report on the bill to make the Central Statistical Board a permanent agency of the Federal government.

The board was originally created for a period of five years and without new legislation would expire July 1, 1940. The recent reorganization order of the President places the board under the direction of the Bureau of the Budget but does not impair its functions nor extend its life. Some months ago the board, with the approval of the President, recommended new legislation to give it power to coordinate the statistical work of the many government agencies and to reduce the number of statistical reports obtained from business. Other government agencies have opposed this legislation, but no opposition is anticipated to the proposal to make the board permanent.

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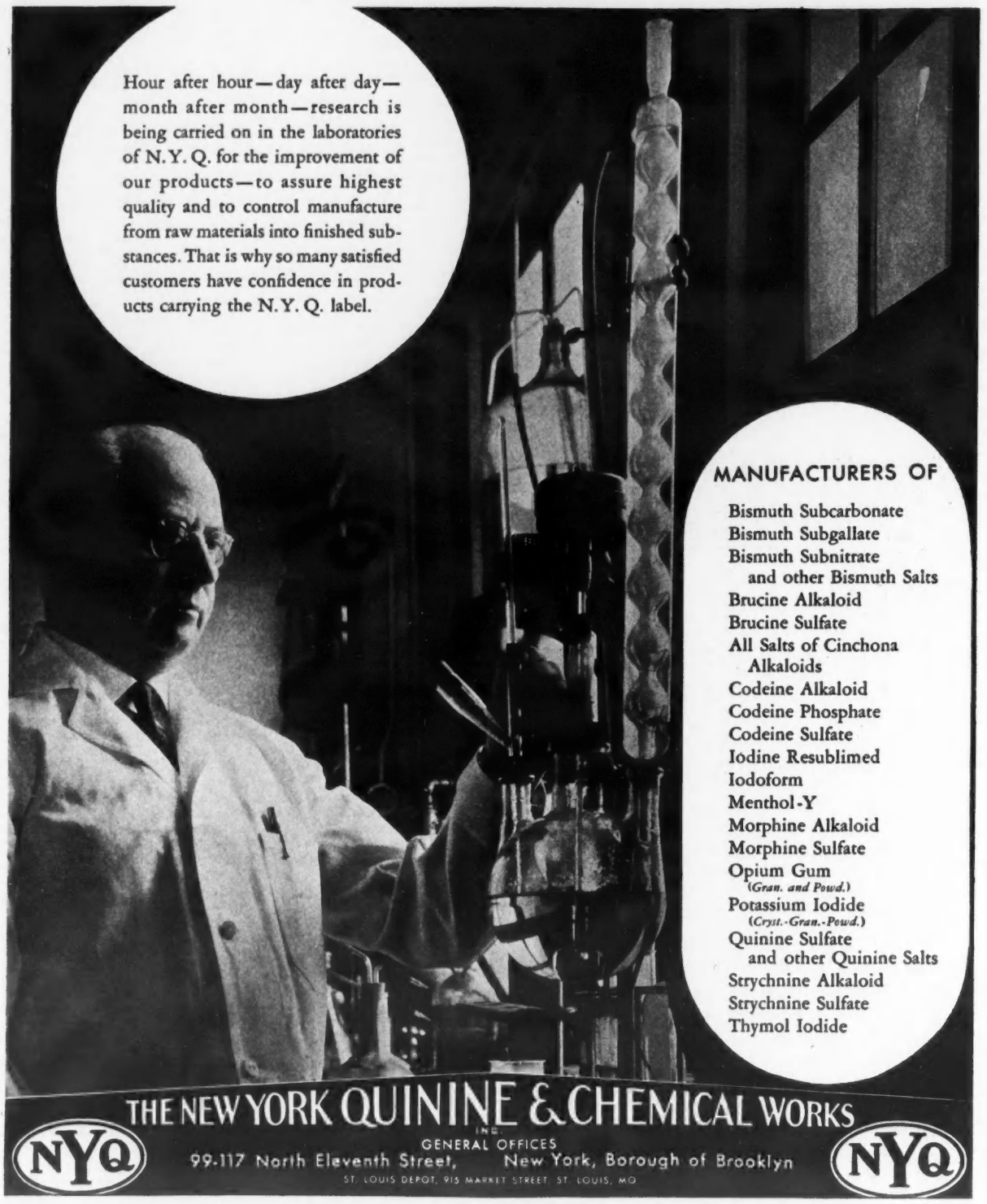
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NYQ NYQ

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs., a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100 lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., bbls.....lb. .22 - —
95%, bbls.....lb. .29 - —
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs., 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¼- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs. .....lb. 1.02 - —
25 lbs. .....lb. 1.03 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E of and including Kans., Neb., N.D., Okla., S. D., Texas E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%. al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kgs., 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.75 - 3.00
Battery, cbys, c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .69
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - (57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
powd., bbls., contracts, 80 tons, dlvd., ton..111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., dlvd.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .12½- .13
Chlorosulphonic, dms., c.l., works..lb .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., dlvd. N.Y. lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhyd., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dist., dms.....lb. .09¼- .09¾
Corn, dist., dms.....lb. .08¼- .08¾
Cottonseed oil, dist., dms....lb. .06½- .07
tanks .....lb. .06 - —
Cresylic, high-boil, special resin grade, dom., c.l., works, frt. equaled.....gal. .63 - —
l.c.l., same basis.....gal. .64 - —
other grades, dom., c.l., frt. equaled..gal. .58 - —
l.c.l., same basis.....gal. .59 - —
low-boil, dms., c.l., works frt. equaled..gal. .69 - —
l.c.l., same basis.....gal. .71 - —
imported, pale, dms.....gal. .51 - .55
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital)
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l..lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls.....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls.....lb. .80 - —
fib, dms., 25 lbs.....lb. .81 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% concl., cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilic, 30-35%. 420 lb. bbls..lb. .09 - .09½
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade .....lb. .13¼- .14½
80%. 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .42
Lauric, dist., tech., dms....lb. .11¾- .12¼
Laurent's, bbls. .....lb. .45 - —
Linseed oil, dark, dms.....lb. .10 - .10½
light, dms.....lb. .11 - .11½
extra white, dist., dms....lb. .11¾- .12¼
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l. .....lb. .25 - —
dms., l.c.l. .....lb. .26 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots. .....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit...lb. .05 - .06
sulphuric unit .....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l. 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9 works..100 lbs. 2.70 - —
tanks, works .....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works....100 lbs. 3.20 - —
tanks, works .....100 lbs. 1.65 - —
Muriatic, cryst., gran., bbls., car lots..lb. .21 - —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, acidity, 120-200 dms., c.l..lb. .07 - —
210-230, dms., c.l.....lb. .09 - —
240-280 dms., c.l.....lb. .10 - —
Sludge, dms., c.l.....lb. .05 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9 works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works.. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works.. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP., dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .06¼- .06¾
tanks .....lb. .05¾- —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347 cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.63
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms.....lb. .17¾- —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .08 - .08½
Stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11¼
single pressed, bgs., dlvd..lb. .10 - .11
triple pressed, bgs., dlvd..lb. .13¼- .14¼
saponif., double pressed, bgs., dvd..lb. .10¾- .11¾
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100lbs. 1.25 - —
l.c.l., 25 and over, works. 100lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works... 100 lbs. 1.50 - —
l.c.l., 25 and over, works.. 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
92°, tanks, works.....ton.17.50 - —
C.P., USP, dealers, cbys...lb. .06½- —
9-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms.....lb. .40 - .47
USP, fluffy, bbls., 1,000 lbs.— 100-lb. lots.....lb. .90 - —
25-lb. lots.....lb. .93 - —
powd., bbls., 1.000 lbs.....lb. .78 - —
smaller lots.....lb. .80 - —
Tartaric, USP, dom., cryst. gran., powd., bbls., 10,000 lbs. or more, one shipment. lb. .27¼- —
kgs. .....lb. .28¼- —
smaller quantities.....lb. .27¾- —
Tobias, bbls.....lb. .60 - .65
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., wks.....lb. 2.35 - 2.55
Chem. grade, kgs., wks....lb. 1.70 - 1.80
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .26 - .27
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms.....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. 1.00 - 1.05
3, bls.....lb. .68 - .70
Agaric, white, bls.....lb. 3.00 Nom.
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .52 - .60
import, bgs.....lb. .55 - .60
Egg, ed., dom., cryst., bbls., lb. .62 - .65
dom., pwd., dms., bbls., lb. .67 - .73
import, cs.....lb. .62 - .65

Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works..lb. .13 - .15
dms., c.l., frt. alld.....lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
tankwagon, frt. alld.....lb. .08 - —
secondary, dms., c.l., frt. pd., E. of Miss. R..lb. .068 - —
l.c.l., same terms.....lb. .073 - —
tanks, same terms.....lb. .058 - —
tertiary, denaturing, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works.....lb. .80 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100-lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .20½- —
l.c.l., works, dms.....gal. .31½- —
tanks, E., works.....gal. .21½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .26½- —
19 bbls., E. works...gal. .28½- —
1 to 18 bbls., E. works, gal. .31¼- —
dms., c.l., E. works....gal. .25½- —
19 dms., E. works...gal. .27½- —
gal. .30½- —
tanks, E. works.....gal. .19½- —
Anhydrous, 2c. per gal.higher.
SD-2B., dms., c.l., works, E. gal. .24½- —
19 dms., works, E...gal. .26½- —
1 to 18 dms., works, E. gal. .29½- —
tanks, E., works.....gal. .18½- —
SD23-G, works, E., dms..gal. .30 - —
19 dms. .....gal. .32 - —
1 to 18 dms.....gal. .35 - —
tanks .....gal. .24 - —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works..gal. .26½- —
20 dms., E. works...gal. .28½- —
1 to 19 dms., E. works, gal. .31½- —
tanks, E. works.....gal. .20½- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, contract, dms., c.l., dlvd..lb. .09 - —
l.c.l., dlvd.....lb. .09½- —
cns., works.....lb. .13½- .15¼
tanks, dlvd.....lb. .08 - —
tech., contract, dms., c.l., dlvd..lb. .08½- —
l.c.l., dlvd.....lb. .09 - —
cns., works.....lb. .13 - .15
tanks, dlvd.....lb. .07¼- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.53 - —
19 bbls.....gal. 4.56½- —
1 to 18 bbls.....gal. 4.59½- —
dms., c.l.....gal. 4.49 - —
19 dms.....gal. 4.53½- —
1 to 18 dms.....gal. 4.58½- —
tanks .....gal. 4.46 - —
absolute, dms., c.l.....gal. 4.94½- —
19 dms.....gal. 4.88 - —
1 to 18 dms.....gal. 4.91 - —
Grain alcohol 25c. gal. higher.
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld, E. of Rockies.lb. .073 - —
l.c.l., same terms.....lb. .078 - —
tanks, same terms.....lb. .063 - —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b. dest..gal. .65 - —
55 gal., c.l., same basis.gal. .33½- —
l.c.l., same basis....gal. .33½- —
tanks, frt., alld.....gal. .28½- —
90%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis ....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis..lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat, grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., works..gal. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .11 - .12
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18½- .20
Curacao, cs.....lb. .42 - .43
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls.....lb. 2.65 - 2.80
100-lb. kgs.....lb. 2.67 - 2.82
25-lb. fib. dms.....lb. 2.74 - 2.80

"A *lot* of American Can's customers started small. They are interested in the packaging of *any* new product, however small it starts. They look ahead—and try to help it to grow. It's to *our* advantage, too, to work with them and have their technical men, research men and marketing people interested in the success of our product."

CANCO AMERICAN CAN COMPANY, 230 PARK AVENUE, NEW YORK, N. Y.

Alphanaphthol, bbls.	lb.	.52	- —
Alphanaphthylamine, bbls.	lb.	.32	- —
Althea root, USP, cube cut, bbls.,	lb.	.30	- .32
peeled, bls.	lb.	.24	- .25
Alum, ammonia, burnt, USP, bbls., kgs.	lb.	.16	- .18
gran., bbls., works	100 lbs.	3.15	- —
dlvd. N.Y., Phila.	100 lbs.	3.15	- —
lump, bbls., works	100 lbs.	3.40	- —
dlvd., N.Y., Phila.	100 lbs.	3.40	- —
powd., bbls., works	100 lbs.	3.55	- —
dlvd. N. Y., Phila.	100 lbs.	3.55	- —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N. Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works,	100 lbs.	3.40	- —
dlvd., N.Y., Phila.	100 lbs.	3.40	- —
lump, bbls., works	100 lbs.	3.65	- —
dlvd. N.Y., Phila.	100 lbs.	3.65	- —
powd., bbls., works	100 lbs.	3.80	- —
dlvd. N.Y., Phila.	100 lbs.	3.80	- —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.	lb.	.06¼	- .06½
Soda, bbls., c.l., works	100 lbs.	3.25	- —
l.c.l., dlvd.	100 lbs.	4.25	- 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., dlvd.	lb.	.07½	- —
l.c.l., dlvd.	lb.	.09	- —
82%, basic solut., bbls., c.l., dlvd.	lb.	.10	- —
l.c.l., dlvd.	lb.	.12	- —
basic powd., bbls., dlvd.	lb.	.40	- —
smaller containers, dlvd.	lb.	.50	- —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works	lb.	.06	- —
12,000 to 40,000 lbs., works	lb.	.07	- —
1,100 to 11,000 lbs., works,	lb.	.08	- —
140 to 875 lbs., works	lb.	.09	- —
100 lbs., or less, works	lb.	.10	- —
cryst., com'l, dms., c.l., works	lb.	.06	- —
l.c.l., dms., works	lb.	.06½	- —
solution, 32 deg., cbys., c.l., works	lb.	.02¾	- —
l.c.l., cbys., works	lb.	.03¼	- —
Formate, 30%, solut., bbls., c.l., dlvd.	lb.	.13	- —
l.c.l. dlvd.	lb.	.15	- —
Hydrate, heavy, bbls., c.l., works	lb.	.0290	- —
l.c.l., bbls.	lb.	.03½	- —
bgs., c.l.	lb.	.0260	- —
light, bbls., dlvd.	lb.	.12	- —
Oleate, dms., contr.	lb.	.16¾	- —
open order	lb.	.17½	- .18½
Palmitate, precip., bbls.	lb.	.23	- —
Resinate, precip., dms., dlvd.	lb.	.15	- —
Stearate, precip., bbls., ctns., c.l.	lb.	.16	- —
l.c.l., ton	lb.	.17	- —
less than ton	lb.	.21	- —
Sulphate, com'l, bgs., c.l., works, frt. equald.	100 lbs.	1.15	- —
l.c.l., works, frt. equald.	100 lbs.	1.40	- —
bbls., c.l., works, frt. equald.	100 lbs.	1.35	- —
l.c.l., works, frt. equaled	100 lbs.	1.60	- —
iron-free, bgs., c.l., works.	100 lbs.	1.30	- —
l.c.l., works	100 lbs.	1.55	- —
bbls., c.l., works	100 lbs.	1.50	- —
l.c.l., works	100 lbs.	1.75	- —
Aluminum, 98-99%, c.l.	lb.	.20	- —
l.c.l.	lb.	.21	- —
paste, lining, extra fine, dms.,	1,500 lbs.	lb.	.65 —
ink, dms., 1,500 lbs.	lb.	.75	- —
standard, dms., 1,500 lbs.	lb.	.43	- —
powder, lining, extra fine, dms.,	1,500 lbs.	lb.	.92 —
standard, dms., 1,500 lbs.	lb.	.57	- —
litho, extra brilliant, dms.,	1,500 lbs.	lb.	.43 —
extra fine, dms., 1,500 lbs.	lb.	.47	- —
lining, dms., 1,500 lbs.	lb.	.57	- —
standard, dms., 1,500 lbs.	lb.	.42	- —
rubber compound, dms., 1,500	lbs.	lb.	.40 —
unpolished, dms., 1,500 lbs.	lb.	.37	- —
varnish, extra brilliant, dms.,	1,500 lbs.	lb.	.43 —
extra fine, dms., 1,500 lbs.	lb.	.47	- —
standard, dms., 1,500 lbs.	lb.	.42	- —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs., for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins	oz.	17.00	-36.00
Aminopyrine, fib., dms., 100 lbs.	lb.	4.00	- —
bots., 5 lbs.	lb.	4.22	- 4.26
Ammonia, acetate, bbls., kgs.,	dlvd. lb.	.27	- .33
dms., dlvd.	lb.	.23	- .26
Aldehyde, dms.	lb	.65	- .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works	lb.	.04¼	- —
refrigeration, tanks, works.,	lb.	.05	- —
pure, cyls., dlvd., met. N.Y.	lb.	.16	- —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.	lb.	.05	- —
dms., c.l.	lb.	.02	- —
l.c.l.	lb.	.02¼	- —
tanks (on NH_3 content), f.o.b. S. Chicago or Detroit.	lb.	.04	- —
grade B (ammonia liquor) tanks (on NH_3 content), f.o.b. Chicago or Detroit.	lb.	.03¾	- —
Benzoate, dms., 4,000 lbs. or more	lb.	.40	- .42
1,000 lbs. to 3,900 lbs.	lb.	.41	- .43
900 lbs. or less	lb.	.42	- .46
kgs., 4,000 lbs. or more	lb.	.40	- —
1,000 lbs., to 3,900 lbs.	lb.	.41	- —
900 lbs. or less	lb.	.42	- —
Bicarbonate, bbls., c.l., works.	100 lbs.	5.15	- —
l.c.l., dlvd., N. Y.	100 lbs.	5.71	- —
Bichromate, bbls.	lb.	.30	- .32
Bifluoride, bbls.	lb.	.14½	- .16½
Borate, bbls., kgs.	lb.	.15	- .16
Bromide, gran., bbls.	lb.	.35	- —
bxs.	lb.	.38	- .39
kgs.	lb.	.35	- —
Carbonate, tech., dom., bbls.	lb.	.09	- .12½
imported, csks.	lb.	.08	- .13½
Ammonia, carbonate, USP, lump, dms.	lb.	.09	- .17
powd., bbls., dms.	lb.	.09	- .25
Chloride, tech. (see Ammoniac, sal).			
USP, gran., 225 lb. bbls.	lb.	.12	- .18
100 lb. kgs.	lb.	.16	- —
Citrate, dms.	lb.	.80	- —
cns.	lb.	.85	- —
Fluoride, bbls.	lb.	.17	- .19
Hydroxide, (see Ammonia, aqua),			
Hypophosphite, dms.	lb.	1.25	- 1.27
jars	lb.	1.35	- —
Iodide, 5-lb. bots.	lb.	3.52	- —
jars	lb.	3.46	- —
Linoleate, 80%, anhyd., bbls.	lb.	.11	- —
Molybdate, kgs., wks.	lb.	1.05	- 1.20
Nitrate, tech., bgs., c.l., works.	100 lbs.	3.60	- —
l.c.l., works	100 lbs.	3.85	- —
bbls., c.l., works	100 lbs.	3.80	- —
l.c.l., works.	100 lbs.	4.05	- —
Oleate, dms.	lb.	.11	- —
Oxalate, neutral, powd., bbls., kgs.	lb.	.19	- .20
pure, gran.	lb.	.32	- —
Perchlorate, kegs	lb.	.16	- .18
Persulphate, kgs.	lb.	.21	- .22
Phosphate, dibasic, N.F.V., bls.	lb.	.37	- —
kgs.	lb.	.39	- —
tech., bbls., c.l.	lb.	.07¼	- —
l.c.l.	lb.	.09	- .10
monobasic, crude (fert. grade), 11% N 48% phos- bulk, f.o.b. E. works.	unit-ton.	1.20	& .70
pure, bbls.	lb.	.40	- .45
tech., bbls., c.l.	lb.	.07¼	- —
l.c.l.	lb.	.09	- .10
Salicylate, U.S.P., kgs.	lb.	1.15	- 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N.Y.	lb.	.09	- —
5 bbls., same basis	lb.	.08½	- —
Stearate, anhydrous	lb.	.22	- —
paste	lb.	.06½	- —
Sulphate, dom., bulk, c.l., f.o.b. April-June shipt.	ton.	28.00	- —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., dlvd.	lb.	.08	- —
l.c.l., works	lb.	.12	- .13
tanks, dlvd.	lb.	.07½	- —
red, 48%, cbys., works	lb.	.07¼	- —
dms., works	lb.	.05½	- —
yellow, 33%, cbys., works	lb.	.07¼	- —
dms., works	lb.	.05½	- —
Sulphocyanide, pure, 99-100%, kgs.	lb.	.55	- .75
Ammoniac, gum (see Gum, ammoniac).			
sal. gray, dom., bbls., c.l.,	100 lbs.	5.50	- 5.75
l.c.l.	100 lbs.	6.00	- 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l.	100 lbs.	4.90	- 5.05
import, csks.	100 lbs.	4.90	- 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd.	lb.	.10½	- .11½
l.c.l., dlvd.	lb.	.11	- .12
tanks, dlvd.	lb.	.09½	- .10
cns., works	lb.	.15	- .17
ex pentane, dms., c.l., frt., alld.	lb.	.10¼	- —
l.c.l., frt., alld.	lb.	.11½	- —
tanks, frt., alld.	lb.	.09½	- —
Alcohol (see Alcohol amyl).			
Butyrate, dms., 50 gal., returnable.	lb.	.75	- —
Caproate, cns.	lb.	2.75	- —
Chloride, normal, dms., works,	lb.	.56	- —
small lots, works.	lb.	.68	- —
mixed, tech., dms., c.l., works.	lb.	.0565	- —
l.c.l., works	lb.	.0665	- —
tanks, works	lb.	.0465	- —
Nitrite, bots.	lb.	1.80	- 1.85
Mercaptan, dms., l.c.l., works.	lb.	1.10	- —
Oleate, dms., l.c.l., works.	lb.	.25	- —
Salicylate, bots., 5 lbs.	lb.	.61	- —
cns., 25 lbs.	lb.	.51	- —
Stearate, dms., l.c.l., works.	lb.	.26	- —
Amylene, dms., c.l., works.	lb.	.102	- —
l.c.l., works	lb.	.11	- —
tanks, works	lb.	.09	- —
Anethol, bots.	lb.	1.00	- 1.05
Angelica root, dom., bls.	lb.	.21	- .22
import, natural, bls.	lb.	.20	- .22
twisted, bls.	lb.	.29	- .30
Angostura bark, bls.	lb.	.30	- .31
Anilin oil, dms., c.l.	lb.	.15	- —
l.c.l.	lb.	.16	- —
tanks	lb.	.14½	- —
Salt, dms., works.	lb.	.22	- .24
Anise, Spanish, bgs.	lb.	.16	- .16½
Star, bgs.	lb.	.16¼	- .16¾
Anisic aldehyde, bots.	lb.	3.00	- 3.10
Annatto paste, bxs.	lb.	.34	- .39
seed, bgs.	lb.	.06½	- .07
Anthracene, 80-85%, bbls., wks.,	lb.	.55	- —
90%, bbls., wks.	lb.	.65	- —
Anthraquinone, 99.6%, subl., bbls.,	lb.	.65	- —
Antimony butter (see Antimony chloride)			
Chloride, solut., cbys.	lb.	.17	- —
Metal, spot	lb.	.11½	- —
Needle, powd., ton lots, bulk,	lb.	.12	Nom.
bbls., kgs.	lb.	.14	- .16
Oxide, bbls., c.l.	lb.	.11	- —
l.c.l.	lb.	.11¾	- —
Salts, 65%, kgs.	lb.	.25¾	- .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c.	lb.	.11½	- .14¼
Antipyrene, bbls., kgs., ton lots,	lb.	2.00	- —
smaller lots.	lb.	2.10	- 2.15
Apomorphine, bots.	oz.	23.20	-28.70
Archil extract, con., bbls.	lb.	.21	- .27
double, bbls.	lb.	.18	- .20
triple, bbls.	lb.	.18	- .20
Areca nuts, powd., bbls.	lb.	.10	- .11
Arecoline hydrobromide, bots.	oz.	4.35	- 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100	kilos.	32.00	-34.00
Arnica flowers, bls.	lb.	.28	- .29
Root, bls.	lb.	.37	- .38
Arrowroot, St. Vincent, powd., bgs.	lb.	.08	- .08¾
bbls.	lb.	.08½	- .09
Arsenic, metal, lump, cs.	lb.	.40	- .41
Chloride (arsenous), cns.	lb.	4.85	- —
Iodide (arsenous), 5-lb. bots.	lb.	5.35	- —
jars	lb.	5.20	- —
Red, import, cs.	lb.	.15¾	- .16¼
Trioxide (see Acid, arsenous).			
White, powd., kgs., c.l.	lb.	.03	- —
l.c.l.	lb.	.03¾	- —
Asafetida, cs.	lb.	.23	- .24
powd., bbls., bxs.	lb.	.37	- .38
Asbestine (see Talc, N. Y. fibrous).			
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines	ton.	42.50	- —
5R, bgs., c.l. (20 tons), Canad. mines	ton.	40.00	- —
6D, bgs., c.l. (30 tons), Canad. mines	ton.	30.00	- —
7D, bgs., c.l. (30 tons), Canad. mines	ton.	25.00	- —
7F, bgs., c.l. (30 tons), Canad. mines	ton.	23.00	- —
7H, bgs., c.l. (30 tons), Canad. mines	ton.	19.00	- —
Asbestos fiber, 7K, bgs., c.l. (30 tons), Canad. mines	ton.	16.50	- —
7M, bgs., c.l. (30 tons), Canad. mines	ton.	14.00	- —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.	lb.	.02½	- —
smaller lots, f.o.b. N. Y.	lb.	.03½	- —
AA, bgs., 20 tons, f.o.b. N.Y.	lb.	.03½	- —
smaller lots, f.o.b. N. Y.	lb.	.10½	- —
California, dms., c.l., f.o.b. N. Y.	ton.	29.00	- —
l.c.l., f.o.b. N. Y.	ton.	36.50	- —
Cuban A, bgs., c.l., f.o.b. N. Y.	ton.	60.00	- —
l.c.l., f.o.b. N. Y.	ton.	90.00	- —
B, bgs., c.l., f.o.b. N. Y.	ton.	35.00	- —
l.c.l., f.o.b. N. Y.	ton.	55.00	- —
Egyptian, bgs., c.l., f.o.b. N.Y.	lb.	.12	- —
l.c.l., f.o.b. N. Y.	lb.	.15	- —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points,	ton.	32.90	- —
seconds, bgs., c.l., Western shipt. points	ton.	25.50	- —
selects, bgs., c.l., Western shipt. points	ton.	30.50	- —
l.c.l., f.o.b., N. J. or N. Y., whse.	ton.	51.00	- —
Jet., bgs., c.l., Western shipping points	ton.	30.50	- —
Manjak (see Asphaltum, Barbados).			
Mexican, Texas, dms., c.l., refinery	ton.	19.00	- —
l.c.l., refinery	ton.	21.00	- —
tanks, refinery	ton.	16.60	- —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery	gal.	.18	- —
dms., c.l., E. cst., refinery,	gal.	.12	- —
tanks, Calif., refinery	ton.	12.50	-14.00
East Coast, refinery	gal.	.06	- .06½
Ill., Ind., refinery	gal.	.06½	- —
N. Orleans refinery	gal.	.06	- —
Atropine, bots.	oz.	5.25	- 5.80
Sulphate, bots.	oz.	2.85	- 2.95
cns.	oz.	2.75	- 2.80

B

Balm of Gilead buds, bgs.	lb.	.26	- .28
Barberry bark, bgs.	lb.	.17½	- .18
Tree bark, bls.	lb.	.09	- .10
Barbital, cs.	lb.	3.25	- 3.30
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works,	ton.	41.00	-45.00
99% thru 200 mesh, bgs., c.l., works	ton.	43.00	-45.00
precip., bgs., c.l., works	ton.	52.50	- —
Chicago	ton.	55.00	- —
l.c.l., works	ton.	57.50	- —
Chicago	ton.	60.00	- —
bbls., c.l., works	ton.	57.50	- —
Chicago	ton.	60.00	- —
l.c.l., works	ton.	62.50	- —
Chicago	ton.	65.00	- —
sulphur-free, bgs., c.l., works.	ton.	57.50	- —
l.c.l., works	ton.	62.50	- —
Chlorate, kgs.	lb.	.16½	- .17½
Chloride, C.P., cryst., bbls.	lb.	.25	- —
kgs.	lb.	.27	- —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line	ton.	77.00	- —
bbls., same basis	ton.	79.00	- —
l.c.l., bgs., same basis.	ton.	90.00	- —
bbls., same basis	ton.	92.00	- —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla.	ton.	81.00	- —
bbls., same basis	ton.	83.00	- —
Zone 2, bbls., l.c.l., bgs., same basis	ton.	94.00	- —
bbls., same basis	ton.	96.00	- —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz.	ton.	87.00	- —
bbls., same basis	ton.	89.00	- —
l.c.l., bgs., same basis,	ton.	100.00	- —
bbls., same basis	ton.	102.00	- —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev.	ton.	83.00	- —
bbls., same basis	ton.	85.00	- —
bbls., l.c.l., same basis.	ton.	96.00	- —
bbls., same basis	ton.	98.00	- —
Dioxide, dms.	lb.	.11	- .15
Fluoride, bbls.	lb.	.11½	- .12½
Fluosilicate, bbls.	lb.	.11½	- .12½
Hydrate (see Hydroxide).			
Hydroxide, bbls, 46-48%	lb.	.04¾	- .05¾
Iodide, bots.	lb.	4.45	- 4.50
Monoxide (see Oxide).			
Nitrate, cks.	lb.	.06¾	- .07¼
Oxide, dms.	lb.	.09	- .11
Peroxide (see Dioxide).			
Sulphate, tech. (see Barytes and blanc fixe).			
X-ray, bbls.	lb.	.09½	- .10
kgs.	lb.	.12	- —
Barytes, dom., floated, bbls., c.l., St. Louis	ton.	28.65	- —
l.c.l., ex whse., Boston,	ton.	36.00	- —
Chicago	ton.	31.15	- —
Cleveland	ton.	33.50	- —
New York	ton.	32.00	- —
paper bgs., c.l., St. Louis,	ton.	22.85	- —
l.c.l., ex car, Baltimore,	ton.	30.70	- —
Boston	ton.	31.70	- —
Philadelphia	ton.	30.50	- —
ex whse., Baltimore	ton.	32.10	- —
Boston	ton.	35.20	- —
Chicago	ton.	30.35	- —
Cleveland	ton.	33.00	- —
Detroit	ton.	33.00	- —
Kansas City	ton.	30.95	- —
Los Angeles	ton.	42.00	- —
New York	ton.	31.50	- —
Philadelphia	ton.	31.90	- —
San Francisco	ton.	42.00	- —
Toronto	ton.	39.50	- —
southern off color, bulk, mines.	ton.	12.00	- —
95.75%, bulk, mines	ton.	16.00	- —
ore, bulk, mines	ton.	7.00	- —
Cuban, crude, c.l., c.i.f.	ton.	11.00	- —
German, grd., bbls., c.l., dock, t.a.	ton.	25.00	-26.00
l.c.l., ex whse.	ton.	30.00	- —
German, ungrd., bulk, c.l., ex dock	ton.	13.00	-14.00
Italian, grd., bbls., c.l., ex dock, t.a.	ton.	29.50	Nom.
l.c.l., ex whse.	ton.	32.50	- —
Bauxite, bulk, mines	ton.	7.00	-10.00
Bay leaves (see Laurel leaves)			
Bay rum, import, bbls.	lb.	.82	- .90
Bayberry bark, bgs.	lb.	.13	- 15

Alphanaphthol—Black, Ivory

Belladonna leaves, bls.	lb.	.12½	- .14
Root, bls.	lb.	.20	- .28
Bentonite, 200 mesh, bgs., Wyo., works	ton.	11.00	- —
325 mesh, bgs., Wyo., works,	ton.	16.00	- —
Benzaldehyde, tech., cbys., dms.,	lb.	.60	- .70
USP, X, dms., 50 to 100 lbs.	lb.	.85	- —
5 to 25 lbs.	lb.	.90	- .95
Benzene (see benzol).			
Benzidin base, bbls.	lb.	.70	- —
Benzol, 90%, nitration, pure, dms., works.	gal.	.21	- —
tankcars, frt. alld. E. of Omaha	gal.	.16	- —
W. Coast, f.o.b. Minnequa, Colo.	gal.	.16	- —
Benzoyl chloride, cbys.	lb.	.23	- .28
Peroxide, pure, gran., fib. ctns., works.	lb.	1.95	- —
Benzyl acetate, f.f.c., cns.	lb.	.49	- —
dms.	lb.	.44	- —
Alcohol (see Alcohol, benzyl).			
Benzoate, a.m.a., f.f.c., cans.	lb.	.71	- —
dms.	lb.	.67	- —
Chloride, 95.97%, refd., dms.,	lb.	.19	- .21
Cinnamate, cns.	lb.	4.15	- 5.00
Formate, cns.	lb.	2.75	- 3.50
Benzylidineacetone, bots.	lb.	2.00	- 3.00
Berberine bisulphate, cns.	lb.	16.75	- —
Hydrochloride, cns.	lb.	16.75	- —
Sulphate, cns.	lb.	16.75	- —
Berberis root, bls.	lb.	.11	- .12
Betanaphthol, sublim., kgs.	lb.	.60	- —
tech., bbls., c.l., works	lb.	.23	- —
l.c.l., bbls., works	lb.	.24	- —
Benzoate, fib., dms.	lb.	2.10	- —
kgs.	lb.	2.00	- —
Betanaphthylamine, tech., kgs.	lb.	.51	- —
Beth root, bls.	lb.	.17	- .20
Bismuth chloride, 5-lb. bots.	lb.	3.20	- 3.25
Citrate, USP, VIII, 5-lb. bots.,	lb.	2.76	- —
jars	lb.	2.65	- —
Hydroxide, 5-lb. bots.	lb.	3.27	- —
cns.	lb.	3.15	- —
Metal, ton lots.	lb.	1.10	- —
Nitrate, cryst., 5-lb. bots.	lb.	1.34	- —
cns.	lb.	1.20	- —
Oxychloride, 5-lb. bots.	lb.	3.04	- —
cns., kgs.	lb.	2.95	- —
Subbenzoate, 5-lb. bots.	lb.	3.36	- —
fib., dms.	lb.	1.13	- 1.16
Subcarbonate, bots., cns.	lb.	1.62	- 1.66
fib. dms.	lb.	1.53	- 1.56
X-ray, 5-lb. bots.	lb.	2.42	- —
fib. dms.	lb.	2.30	- —
Subgallate, bots., cns.	lb.	1.67	- 1.90
fib. dms.	lb.	1.56	- 1.61
Subiodide, cns.	lb.	3.91	- —
fib., dms.	lb.	3.88	- —
Subnitrate, powd., bots., cns.,	lb.	1.42	- 1.66
fib. dms.	lb.	1.33	- 1.36
Subsalicylate, 62-66%, bxs.	lb.	2.44	- —
bbls., fib. dms.	lb.	2.35	- —
Sulphocarbolate, 5-lb. bots.	lb.	3.61	- —
fib. dms.	lb.	3.50	- —
Trioxide, powd., 5-lb. bots.	lb.	3.56	- —
cns.	lb.	3.45	- —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots.	lb.	3.40	- —
cns.	lb.	3.30	- —
Bismuth-betanaphthol, 5-lb. bots.,	lb.	3.14	- —
fib. dms.	lb.	3.05	- —
Black, acetylene, c.l., works, duty paid.	lb.	.14	- —
Bone, 1A, bbls., bxs., c.l., frt. alld. E.	lb.	.16	- —
l.c.l., frt. alld. E.	lb.	.16½	- —
1, bbls., bgs., c.l., frt. alld. E.	lb.	.12	- —
l.c.l., frt. alld. E.	lb.	.12½	- —
2, bbls., bgs., c.l., frt. alld., E.	lb.	.10½	- —
l.c.l., frt. alld. E.	lb.	.11	- —
3, bbls., bgs., l., frt. alld. E.	lb.	.09½	- —
l.c.l., frt. alld. E.	lb.	.10	- —
4, bbls., c.l., frt. alld. E.	lb.	.08¾	- —
l.c.l., frt. alld. E.	lb.	.09	- —
5, bbls., bxs., c.l., frt. alld. E.	lb.	.07¼	- —
l.c.l., frt. alld. E.	lb.	.08	- —
6, bbls., c.l., frt. alld. E.	lb.	.05½	- —
l.c.l., frt. alld. E.	lb.	.06	- —
7, bbls., bgs., c.l., frt. alld E.	lb.	.09	- —
l.c.l., frt. alld. E.	lb.	.09¼	- —
8, bbls., bgs., c.l., frt. alld. E.	lb.	.10	- —
l.c.l., frt. alld. E.	lb.	.10½	- —

Bone black prices on Pacific Coast are 1c. per lb. higher. ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd.	lb.	.03¾	- .04¾
bgs., ctns., l.c.l., dlvd.	lb.	.06¾	- —
cs., l.c.l., dlvd.	lb.	.07¼	- —
2, bgs., c.l., works	lb.	.03¼	- —
l.c.l., dlvd.	lb.	.10¼	- —
cs., l.c.l., dlvd.	lb.	.12	- —
3, bgs., c.l., works	lb.	.13	- —
l.c.l, dlvd.	lb.	.14½	- —
cs., l.c.l., dlvd.	lb.	.16½	- —
4, bgs., c.l., works	lb.	.27½	- —
4, cs., c.l., works	lb.	.29	- —
l.c.l., dlvd.	lb.	.32	- —
5, bgs., cs., c.l., works	lb.	.40	- —
cs., l.c.l., dlvd.	lb.	.44	- —
6, cs., l.c.l., dlvd.	lb.	.60	- —
7, cs., l.c.l., dlvd.	lb.	1.10	- —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra).	lb.	.02¾	- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports).	lb.	.0810	- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).	lb.	.0819	- —
80,000 lbs., dlvd., Zone C, Pac. Cst. States.	lb.	.0835	- —
D (Ill., Ia., Wis.).	lb.	.083¼	- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.).	lb.	.0841	- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.).	lb.	.086¾	- —
G (Mexico) f.o.b. border,	lb.	.08	- —
f.o.b. N. Orleans,	lb.	.029	- —
l.c.l., f.o.b. whse.	lb.	.05¾	- —
bgs. or ctns. (seller's option),	l.c.l., dlvd. lb.	.06¼	- —
bulk, tanks, same price as bags in each zone.			
cs., l.c.l. dlvd.	lb.	.07	- —
export, full compressed, cs., f.a.s., Gulf ports.	lb.	.04½ Nom.	
uncompressed, cs., f.a.s. Gulf ports.	lb.	.05¼ Nom.	
Charcoal (see C).			
Graphite (see G).			
Iron oxide, magnetic, 1, bbls., l.c.l., works.	lb.	.07¾	- .08¼
2, bbls., l.c.l., works.	lb.	.07	- —
pure, bbls., works.	lb.	.08¾	- —
Ivory, genuine, bbls.	lb.	.30	- —

MAY 1939

Black, Lamp—Butyl Acetate

Black, Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6 bbls., c.l., f.o.b. N.Y.....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04½- —
B, bbls., works or N. Y....lb. .06½- —
Black dyes are listed under dyes.
Black Haw, root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .16 - .18
Blane fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.65 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.00 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 2.75 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ¼c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equald..lb. .16 - —
2, bbls, same basis.....lb. .18 - —
3, bbls., same basis.....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis..lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —

Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.

Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefing root, bls.....lb. .13 - .14
Blue mass, USP., cns.....lb. 1.10 - —
powd., cns.....lb. 1.12 - —
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b., works..100 lbs. 4.25 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.40 - —
6-15 bbls., same basis, 100 lbs. 4.50 - —
1-5 bbls., same basis..... 100 lbs. 4.75 - —
Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 8.65 - 8.90
l.c.l. dealers.....100 lbs. 9.65 - 9.90
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -29.00
import, bgs., c.i.f. ports..ton.26.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.27.00 - —
import, 100-lbs. bgs., c.i.f ports, shipt..ton.24.00 - —
phosphate, precip., (see Calcium phosphate dibasic, precip.)
steamed, dom., 1½% ammon., 60% phos. bgs., f.o.b., Chicago..ton.26.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.24.50 - —
Boneset leaves, bales.....lb. .07 - .08
Borage flowers, bls.....lb. .17 - .18

Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00

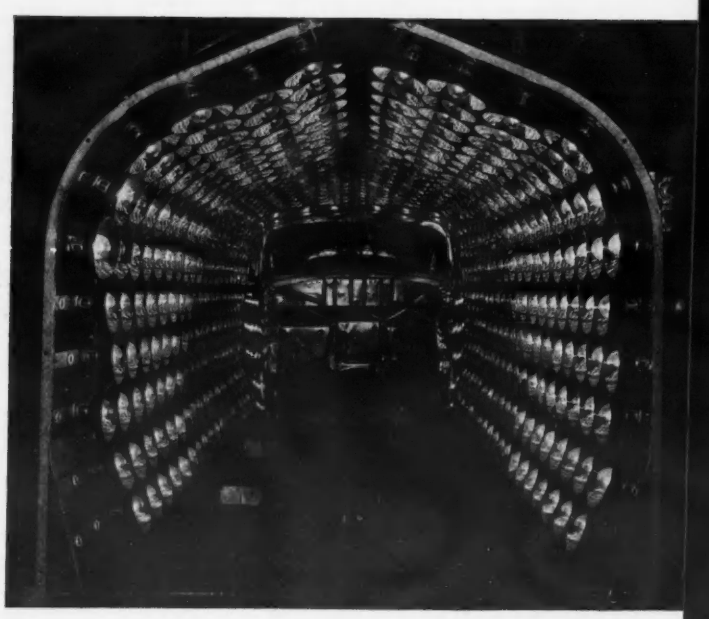
USP, $15 per ton higher.

Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .55
moulding, cns., dms., over 10 lbs..lb. .65 - .90
Bronze, gold printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, iron oxide, bbls., works. lb. .02½- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
Group 2, bbls., same basis, lb. .11½- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .08¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Brown, umber, American, bbls., works..lb. .02⅞- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
l.c.l., ex whse., Kansas City..lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04⅞- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .32 - .33
Buckthorn bark, true, bls.....lb. .06 - .06½
cut and sifted, bbls.....lb. .9 - .11
Berries, bgs.....lb. .16 - .17
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .04 - .04½
Butanes, comi., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., works..lb. .13 - .15
dms., c.l., frt. alld.....lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, contract, frt. alld..lb. .07½- —
tankwagons, frt. alld.....lb. .08 - —
secondary, dms., c.l., frt. pd. E. of Miss. R...lb. .068 - —
l.c.l., same terms.....lb. .073 - —
tanks, same terms.....lb. .058 - —

LIFE... on the Chemical Newsfront



(Above) **THIS "TUNNEL OF SPOTLIGHTS"** is the newest method of heat application for drying modern finishes on automobile bodies. This unique drying oven at the Rouge plant of the Ford Motor Company is lined with scores of heat lamps with gold-plated reflectors for most efficient reflection of infra-red rays. It cuts down finishing schedules to a fraction of the time formerly required. Through an ingenious system of switches, the lamps are turned on as the body approaches on an overhead conveyor and are cut off after it passes, thus saving power when it is not needed. This new method, which was developed and patented by the Ford Motor Company, is readily adaptable to rapid and economical baking of a variety of modern finishes such as may be formulated with REZYL* or BEETLE* resins.

(Left) **NEW STAR IN HOLLYWOOD** is chemical science—at least in the opinion of the harassed property man in search of unusual effects. Satan's cohorts magically emerge from puffs of vaporizing carbon dioxide; rubber and Fuller's Earth make cobwebs that lend an eerie quality to scenes from spine-chillers; graceful skaters perform on "ice" rinks made from hypo and sodium salts. In these and countless other ways chemistry plays its part behind the scenes at Hollywood—to add to the delight of the millions of movie-goers. Since chemistry first aided in the development of the motion picture process, science has kept pace with one of America's favorite amusements, broadening its possibilities of portraying the unusual, the novel, the fantastic.

Butyl, alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .. ..lb. .23 - —
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .75 - —
5 & 10 gal. dms., dlvd....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

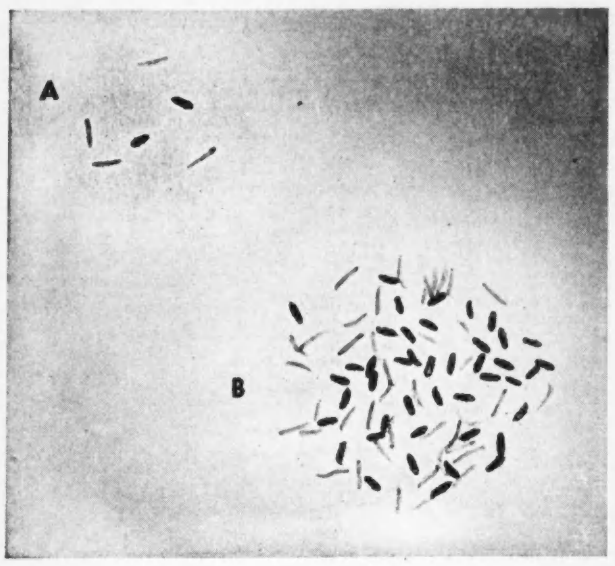
Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.61 - —
single jars .....lb. 1.66 - —
5-lb. bots.....lb. 1.80 - —
Iodide, 5-lb. bots. .....lb. 4.01 - —
25-lb. cns. .....lb. 3.87 - —
Lithopone (see Yellow)
Metal, pat. shapes, cs.....lb. .55 - —
commercial .....lb. .50 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs., or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs. .....lb. 2.35 - —
Caffeine, 25-lb. dms., 10,000 lbs. or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs. .....lb. 2.43 - —
25 lbs .....lb. 2.55 - —
10-lb. cans, 10,000 lbs. or more. .....lb. 2.23 - —
2,000 lbs., or more.....lb. 2.30 - —
10-lb. cns., 1,000 lbs. or more..lb. 2.35 - —
100 lbs. .....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cans, 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns. .....lb. 1.90 - 2.10
Hydrobromine, bots. .....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .20 - .21
Calamus root, peeled, N.F., cs. .....lb. .14 - .15
bleached, bls. .....lb. .40 - .45
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06½- .06¾
Southern cotton states, bgs., dms..lb. .06½- .06¾
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms., c.l., dlvd....lb. 4.75 - —
l.c.l., f.o.b. warehouse...lb. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.70 - 2.35
Calcium, chloride, liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns. .....lb. .62 - .67
Iodide, bots., jars.....lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports..ton.28.00 - —
Palmitate, bbls. .....lb. .22 - .28
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f., Atlantic ports, shipt..unit-ton. .80 - —
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton..lb. .13 - —
smaller lots .....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., wks..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works. 100 lbs..lb. .85 - —
Sulphecarbolate, bbls..200 lbs..lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .28 - .30
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.52 - —

Butyl Alcohol—Charcoal

Camphor, natural, powd., cs...lb. .48½- .49½
slabs, cs.....lb. .48½- .49½
tablets, tins.....lb. .53½- .54
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots.....lb. .46 - —
1,000-lb. lots.....lb. .47 - —
500-lb. lots.....lb. .48 - —
100-lb. lots.....lb. .49 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentina, bgs...lb. .0380- .0410
Morocco, bgs.....lb. .04½- .05
Turkish, bgs.....lb. .0390- .0420
Canella alba bark, bls.....lb. .29 - .30
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .80 - .85
Russian, cs.....lb. .92 - .96
powd., bxs.....lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .09½- .10
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
85%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .53 - —
l.c.l., works.....lb. .54 - —
tanks, works.....lb. .52 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .06 - —
l.c.l. same basis.....lb. .06¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½ gal. dms., c.l., frt. alld. gal. .66½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10 gal., dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½ gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10 gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½ gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10 gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l.,frt. alld.....gal. 1.20 - —
Zone 4, 52½ gal. dms., c.l., gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10 gal. dms., c.l..gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. cars, L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2, includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3, includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M., and Texas. Zone 4, includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.00 - 1.50
decorticated, cs. .....lb. .75 - .78
green, bgs. .....lb. .52 - .55
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .10 - .10½
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .07 - .07¾
5 tons, works.....lb. .08½- .09
smaller lots, works....lb. .09¾- .10
80-100 mesh, bgs., c.l., dlvd., lb. .07½- .08¼
5 tons, works.....lb. .09 - .09½
smaller lots, works.....lb. .10 - .10½
Import, Argent., 20-30 mesh, bgs., c.l., duty paid.lb. .08¾- .09
80-100 mesh, bgs., c.l., duty paid..lb. .09¼- .09½
French, 30 mesh, bgs., c.l., duty paid..lb. .09¼ Nom.
Cassia, Batavia, 1, bgs.....lb. .16 - .16½
shortstick, bls.....lb. .12½- .13
broken, bls.....lb. .10¾- .11¼
China, rolls, select, bls.....lb. .09 - .09¾
broken, extra, bls.....lb. .09½- .10
Saigon, bls. .....lb. .17¼- .17¾
Cassia, buds, cs.....lb. .15 - .15½
Cassia fistula, bskts.....lb. .08½- .09½
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½%, ammon., bgs., c.l., works..ton.16.50 - —
import, bgs., c.l.f., ports, shipment..ton.19.00 - —
Catnep leaves, Southern, bls...lb. .18 - .20
western, bls. .....lb. .20 - .21
Celery seed, French, bgs.....lb. .15 - .15½
Indian, bgs.....lb. .12½- .13
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., cs., frt. alld..lb. .36 - —
Acetobutyrate, 10,000 lbs. and over..lb. .50 - —
5,000 to 9,980 lbs.....lb. .505 - —
2,500 to 4,980 lbs.....lb. .51 - —
1,000 to 2,400 lbs.....lb .515.- —
100 to 900 lbs.....lb. .525 - .54
Acetopropionate, 10,000 lbs. and over..lb. .48 - —
5,000 to 9,980 lbs.....lb. .485 - —
2,500 to 4,980 lbs.....lb. .49 - —
1,000 to 2,400 lbs.....lb. .495 - —
100 to 900 lbs.....lb. .505 - .52
Triacetate, frt. alld.....lb. .42 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .21 - .27
Roman, bls.....lb. .28 - .33
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —



(*Above*) **RUNNING AROUND IN CIRCLES** spells plenty of progress for the Confused Flour Beetle, common insect pest in the milling industry. It gets its name because it doesn't seem to know where it's going; yet it grows from A to B in 60 days. Left to their own devices, these and other pests would levy huge tolls on U. S. foodstuffs; chemical science comes to the rescue with modern pest control. Helping industry's battle are Cyanamid's technical service and modern insecticides: LIQUID HCN, CYANOGAS**, ZYKLON** Discoids, CALCYANIDE**. Estimated value of U. S. consumption of insecticides and fungicides is $100,000,000 a year.

(*Above*) **BOMBS SHOOT SODIUM INTO VAPOR LAMPS** without allowing the sodium to come in contact with air. General Electric places the glass bombs, smaller than a marble and containing 1/80 ounce of sodium within the vapor lamp tubes, explodes the bombs by boiling the sodium. High frequency currents in a coil around the lamp furnish the heat. Glass bomb shatters to dust; sodium coats inside of tube to give lamp its characteristic golden orange color. Formerly sodium had to be distilled separately into each lamp, to prevent chemical reactions when exposed to air. Again cooperative research between chemist and electrical engineer has proved effective.

(*Below*) **MADE OF GLASS, BUT YOU CAN ROLL IT LIKE A RUG.** It's a broken sheet of a more resilient safety glass for automobiles—a sandwich of new type transparent plastic between two thin sheets of ordinary plate glass. When glass is broken by impact, fragments cling to the plastic. Glass bends like chewing gum; withstands the impact of a bowling ball. Half-pound weight dropped from a height of 84 feet in recent tests, wrinkled the glass, left it intact. Highway safety authorities regard the new glass as a significant chemical contribution to reduction of serious injuries from automobile accidents. This is but another example of how chemical research is leading the way to progress in many fields.

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

*Registered trade-mark of American Cyanamid Company

These resins are manufactured under one or more U. S. Patents.

**Registered U. S. Patent Office

Charcoal—Elecampane Root

Charcoal, softwood, powd., bgs., c.l., dlvd., Colo..ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn. .....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., wks..lb. .02 - —
l.c.l., bbls., wks.....lb. .02¼- —
tanks, wks.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
Import, white, lump, bulk, c.l., ex dock, Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .93
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorinated rubber, 5 cps., bgs., c.l., works..lb. .40 - —
ton lots, works.....lb. .42 - —
smaller lots, works.....lb. .45 - .50
10-1,000 cps., bgs., c.l., works, lb. .35 - —
ton lots, works.....lb. .37 - —
smaller lots, works.....lb. .40 - .45
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05¼- —
contracts, dlvd., N. Y..lb. .05¼- —
l.c.l., dlvd., N.Y.....lb. .07¾- —
tanks, single unit, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, wks., frt. equald..100 lbs. 1.90 - —
2, works, frt. equald.100 lbs. 2.15 - —
1, works, frt. equald.100 lbs. 2.60 - —
Chloracetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 180-lb. cyls., works..lb. .80 - —
100 lb. cyls., works.....lb. .85 - —
5-25 lb. cyls., works.....lb. 1.00 - 1.15
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works...lb. .17 - —
solut., 8%, cs, bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.14.00 -15.00
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms..100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, quill, USP., 10 in., medium, cs..lb. .52 - .53
20 in., thick, cs.....lb. .60 - .61
20 in., medium, cs.....lb. .58 - .59
USP, broken quill, red, bgs., lb. .20 - .25
yellow, bgs.....lb. .20 - .25
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .89 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2 bls.....lb. .14½- .15
3 bls.....lb. .14¼- .14¾
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine ointment, jars, tubes..lb. .78 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.60 - 1.65
Clove, Madagascar, bls.....lb. .15 - .15½
Zanzibar, bls.....lb. .17 - .17½
Clover tops, bgs.....lb. .12 - .18
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works.....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .65 - .67
Carbonate, pwd., bgs., wks., lb. 1.25 - 1.60
Chloride, kgs., wks.....lb. .76 - 1.20
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8¼%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3¼%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .14 - .15
Cocoa butter, lump, bgs., c.l..lb. .11 - .11¼
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .06¼- .07
Blue, root, bls.....lb. .06 - .07
Colchicine, bots., 4 ozs.....oz.20.00 - —
single ozs. .....oz.21.00 - —
Colchicum seed, bgs.....lb. .24 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .25 - .26
Colombo root, bls.....lb. .07 - .08
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns.....lb. .22½- .23
S. A., USP, cns.....lb. .23½- .24
Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54 pc., bbls..lb. .14½- .15½
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .10¾- .10½
Nitrate, cryst., bbls.....lb. .1660- .1740
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .16¾- .17¾
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .16¾- .17¾
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.19.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.45 - —
5-24, works.....100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, shipt.....lb. .0185 Nom.
Coriander seed, Morocco, bgs..lb. .04¾- .04¾
bleached, bgs.....lb. .06½- .06¾
Corn sugar, chipped, bgs., c.l., dlvd..100 lbs. 3.04 - —
slabs, bbls., c.l.....100 lbs. 2.96 - —
solid, bbls., c.l.....100 lbs. 3.08 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.07 - —
43°, bbls., c.l.....100 lbs. 3.12 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.32 - —
gran., powd., dms., 50 lbs. or more..lb. 1.17 - —
Cottonroot bark, bls.....lb. .10 - .11
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp, bark, genuine, bls....lb. .20 - .22
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .13½- .14
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .22¾- —
smaller lots, bbls.....lb. .23¼- —
kgs.....lb. .23¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14½
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works..gal. .25 - —
tanks, works .....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10 - —
l.c.l., same basis.....lb. .10½- —
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works..lb. .15 - —
Cuba root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .28 - .30
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .14 - .16
Cumin seed, Algerian, bgs....lb. .08 - .08½
Morocco, bgs.....lb. No stocks.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 27%NH_3, pulv., bgs., dlvd., contracts, NH_3-unit-ton. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —

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Damiana leaves, bls.....lb. .15½- .16
Dandelion root, German, bls...lb. .14 - .15
Deertongue leaves, bls.....lb. .09½- .10
Degras, common, dom., bbls...lb. .07 - .08
English, bbls.....lb. .07 - .08
neutral, dom., bbls.....lb. .10 - .13
English, bbls.....lb. .10 - .13
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs., to 10,000 lbs..lb. .26 - .30
1,000 lbs. to 2,000 lbs. lb. .28 - .32
200 lbs. to 1,000 lbs..lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.35
Devil's club, root bark.....lb. 1.50 - —
Dextrin, British gum, c.l. f.o.b. Chicago..100 lbs. 3.70 - —
l.c.l., f.o.b. Chicago...100 lbs. 3.80 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.40 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.60 - —
Potato, import, bgs.....lb. .07 - .07¾
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Diamyl, oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 -
Diamylphenol (2, 4), dms., c.l., works..lb. .17- —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .52 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd. .....lb. .19½- —
tanks, dlvd. .....lb. .18 - —
cns., works .....lb. .23½- .25½
Sebacate, dms., wks.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0321- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .24 - —
l.c.l., works .....lb. .25 - —
tanks, works .....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works .....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniliin, dms. .....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis leaves, dms.....lb. .37 - .38
Diglycol laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .13 - —
Stearate, bbls., c.l.....lb. .20 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd. .....lb. .19 - —
tanks, dlvd. .....lb. .17½- —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l. dlvd. .....lb. 1.05 - —
Dimethylaniliin, dms., c.l.....lb. .23 - —
l.c.l., dms. .....lb. .24 - —
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls., 80° min., lb. .18 - —
Dinitrochlorobenzene, dms....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .22 - —
Dinitrotoluene, dms. .....lb. .15½- —
oily, dms. .....lb. .09 - —
Djorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls. .....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans. lb.13.50 - —
1180 Sodium indigo disulphonate, cns..lb.13.50 - —
Green:—
Fastgreen FCF, cns..lb.27.50 - —
666 Guinea green B., cns. lb.13.50 - —
670 Light green SF, yellowish, cns..lb.17.50 - —
Red:—
184 Amaranth, cns.....lb. 3.15 - —
773 Erythrosin, cns.....lb.17.50 - —
80 Ponceau 3R, cns.....lb. 6.00 - —
Ponceau SX, cns.....lb. 5.75 - —
Orange:—
150 Orange I, cns.....lb. 2.90 - —
Yellow:—
10 Naphthol yellow S, cns.lb. 8.50 - —
Sunset yellow FCF, cns. lb. 3.15 - —
640 Tartrazin, cns.....lb. 3.15 - —
22 Yellow AB, cns.....lb. 2.65 - —
61 Yellow OB, cns.....lb. 2.65 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .95 - 1.00
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 3R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B..lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN.lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B..lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble). lb. .35 - .50
1177 Indigo, 20 p. c. paste.lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base...15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade.lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
860 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
249 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
637 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A....lb. .60 - —
Water-soluble:—
Red:—
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16½- .17
Egg albumen (see Albumen).
yolk, bbls.....lb. .60 - .62
Elder flowers, bright, bls.....lb. .19 - .21
Elecampane root, bls.....lb. .09½- .10

Elm bark, grinding, bls.	lb.	.10	.11
powd., bbls., bxs.	lb.	.20	.21
select, bndls.	lb.	.24	.25
Emetine hydrochloride, bots.	oz.	13.50	-14.00
Ephedra, bls.	lb.	.09	.10
Ephedrine, tins, 1,000 ozs.	oz.	1.25	—
tins, 100 ozs.	oz.	1.35	—
Hydrochloride, tins, 1,000 oz., lots.	oz.	1.25	—
tins, 100 oz., lots.	oz.	1.35	—
Sulphate, cryst., tins, 1,000-oz. lots.	oz.	1.25	—
tins, 100-oz. lots.	oz.	1.35	—
Epsom salt, tech., bgs.	100 lbs.	1.80	—
bbls.	100 lbs.	1.90	—
USP, cryst., dom., bgs., c.l., 100 lbs.		2.00	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.25	—
smaller lots	100 lbs.	2.50	—
bbls., c.l.	100 lbs.	2.10	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35	—
smaller lots	100 lbs.	2.60	—
kgs., c.l.	100 lbs.	2.35	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60	—
smaller lots	100 lbs.	2.85	—
dried, dom., bgs., l.c.l.	lb.	.08	.10
Ergot, USP, cns., dms.	lb.	1.35	- 1.40
Eserine, bots.	oz.	42.00	—
Salicylate, bots.	oz.	33.00	-34.00
Sulphate, bots.	oz.	30.00	—
Ether, acetic (see Ethyl acetate)			
Butyl, dms., c.l., dlvd.	lb.	.24½	—
l.c.l., dlvd.	lb.	.25	—
cns.	lb.	.28	.31
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bots., 100 lbs., lb.		.06	—
Sulphuric, conc., dms., 120 lbs., lb.		.09	—
cns., 27 lbs.	lb.	.14	—
synth., dms., c.l., works.	lb.	.08	—
l.c.l., works.	lb.	.09	—
USP, anesthesia, dms., 27 lbs., lb.		.26	—
USP, 1880, dms.	lb.	.39	.40
washed, dms.	lb.	.37	.38
Ethyl acetate, 85-90%, dms., c.l., frt. alld.	lb.	.061	—
l.c.l., frt. a...2.	lb.	.066	—
tanks, frt. alld.	lb.	.051	—
95-98%, dms., c.l., frt. alld.	lb.	.0685	—
l.c.l., frt. alld.	lb.	.0735	—
tanks, frt. alld.	lb.	.0585	—
N. F., VI, 99%, dms., 400 lbs.	lb.	.08	—
cns., 35 lbs.	lb	.12	.18
USP, VIII, 90%, dms., 460 lbs.	lb.	.07	—
cns., 35 lbs.	lb.	.12	—
Acetoacetate, dms., c.l., works, lb.		.27½	—
l.c.l., dms., works.	lb.	.28	—
Bromide, tech., dms.	lb.	.50	.55
Caproate, cns.	lb.	1.00	—
Chloride, dms.	lb.	.18	.20
Cinnamate, cns.	lb.	3.20	- 4.00
Crotonate, 55 and 110 gal. dms., dlvd.	lb.	.75	—
5 and 10 gal. dms., dlvd.	lb.	1.00	—
Formate, cns., dms.	lb.	.23	.24
Iodide, bots.	lb.	5.01	—
Lactate, 55-gal. dms., works, lb.		.33½	—
5-gal. dms., works.	lb.	.37½	—
Oxalate, dms., frt. alld.	lb.	.25	—
Silicate, l.c.l., dms., works.	lb.	.77	—
Vanillin, 25 lbs. lots., cns., lb.		5.25	—
5 lb. lots.	lb.	5.30	—
1 lb. lots, cns.	lb.	5.40	—
Ethylcellulose, contracts, bgs., c.l., frt. alld.	lb.	.45	—
contracts, 500 lbs. or more, frt. alld.	lb.	.47	—
500 lbs. or more, frt. alld., lb.		.48	—
100 to 499 lbs., frt. alld., lb.		.50	—
smaller lots, works.	lb.	.55	—
Ethylene bromide, dms.	lb.	.65	.70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0545	.0550
West of Rockies, same basis.	lb.	.0595	.06
l.c.l., works, E. of Rockies, frt. alld.	lb.	.0644	.0650
West of Rockies, same basis.	lb.	.0694	.07
Ethyleneglycol, dms., c.l.	lb.	.16	—
l.c.l.	lb.	.17	.20
tanks	lb.	.15	—
Monobutylether, dms., c.l., works.	lb.	.18	—
l.c.l., works.	lb.	.19	.22
tanks, works.	lb.	.17	—
Monoethylether, dms., c.l., works.	lb.	.15	—
l.c.l., works.	lb.	.16	—
tanks, works.	lb.	.14	—
Monoethylether, acetate, dms., c.l., works.	lb.	.13	—
l.c.l., dms.	lb.	.14	—
tanks, works.	lb.	.12	—
Monomethylether, dms., c.l., works.	lb.	.17	—
l.c.l., works.	lb.	.18	—
tanks, works.	lb.	.16	—
Ethylidinanilin, dms.	lb.	.45	.47½
Eucalyptol, cns., dms.	lb.	.55	.57
Eucalyptus leaves, bls.	lb.	.07	.08
Eugenol, bgs., cns.	lb.	1.70	- 2.15
Euphorbia, bls.	lb.	.05	.06

F

Feldspar, enamel, 100 mesh, bulk, works.	ton.	14.00	-17.50
glass, 20 mesh, bulk, works.	ton.	9.75	-13.25
pottery, bulk, Me., works.	ton.	17.00	-19.00
N.C. works.	ton.	17.00	-19.00
Fennel seed, French type, bgs., lb.		.07¾	.08¼
Indian, bgs.	lb.	.07½	.07¾
German, large, bgs.	lb.	.18	Nom.
Fenugreek seed, bgs.	lb.	.03¾	.04¼
Ferric Sulphate, anhyd., c.l., works.	ton.	35.00	—
l.c.l.	ton.	40.00	—
Film scrap, colors, dark, cs., 1,000 lbs., or over, works.	lb.	.10	—
smaller lots, works.	lb.	.11	—
light, cs., 1,000 lbs. or over, works.	lb.	.11	—
smaller lots, works.	lb.	.12	—
water white, cs., 1,000 lbs., or over, works.	lb.	.12	—
smaller lots, works.	lb.	.13	—
Fir balsam, Canada, cns.	gal.	10.50	-11.00
Oregon, bbls.	gal.	1.05	- 1.10
Fish berries, bgs.	lb.	.08	- .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures.	unit-ton.	3.00 &	.10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	51.00	-52.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, So. Atlantic factories, contracts.	unit-ton.	2.50 &	.50
sardine, meal, Japanese, 11¼% ammon., bgs., c.l.f. ports, shipt-	ton.	47.00	—
Flake, white, bbls., kgs.	lb.	.10¼	—
Flaxseed, French, black, bgs.	lb.	.11¾	.12
Indian, blonde, bgs.	lb.	.07	- 07½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net	ton.	30.00	—
washed gravel, 85-5, f.o.b. Ill.-Ky. mines.	net ton.	17.00	—
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines.	net ton.	18.00	—
imported, 85.5, duty paid, long ton.		23.50	—
Formaldehyde, bbls., c.l., works, lb.		.05¾	—
l.c.l. works.	lb.	.06¼	—
dms., c.l., works.	lb.	.05¼	—
l.c.l., works.	lb.	.05¾	—
tanks, works.	lb.	.04½	—
Fringetree bark, bls.	lb.	.12	- .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines.	ton.	10.00	—
import, bgs., c.l., ex dock.	ton.	23.00	—
l c.l., ex whse.	ton.	30.00	—
Furfural, refd., dms., c.l., works, lb.		.15	—
l.c.l., works.	lb.	.17½	.25
tech., dms., contracts, 150,000 lbs.	lb.	.10	—
c.l., works.	lb.	.12½	—
l.c.l., works.	lb.	.15	.20
tanks, works.	lb.	.09	—
Fusel oil, refd., dms., incl., dlvd., lb.		.12½	.14
Fustic extract, cryst., bbls.	lb.	.22	.26
liquid, bbls.	lb.	.09½	.13
solid, dms.	lb.	.17½	.19½

G

G salt, bbls.	lb.	.45	—
Galangal root, bls.	lb.	.09	.10
Gall extract, bbls.	lb.	.22	—
Gambier, common, cases.	lb.	.06¾	Nom.
plantation, cases.	lb.	.08	- .08½
Cubes, Singapore, cases.	lb.	.08¼	- .08¾
Extract, bbls.	lb.	.06½	- .06¾
Gasoline at refinery:—			
Bayonne, US motor, below 65 octane, tanks.	gal.	.06	- .06⅛
65 octane and above, tanks, gal.		.06	- .06¾
California, 54-58, tanks.	gal.	.06½	.08
Gulf Coast, U.S. Motor, bulk, gal.		.05⅝	—
60-62, 390 e.p., bulk, export, gal.		.05⅝	—
60-62, 400 e.p., bulk, export, gal.		.05⅝	—
64-66, 375 e.p., bulk, export, gal.		.05⅝	—
Louisiana-Arkansas, US motor, 62 octane, tanks.	gal.	.04	- .04¼
63-66 octane, tanks.	gal.	.04¼	- .04½
67-69 octane, tanks.	gal.	.04½	- .04¾
70-72 octane, tanks.	gal.	.04¾	- .05⅛
Oklahoma-Texas, US motor, 62 octane and below, canks.	gal.	.04	- .04⅜
third grade, tanks.	gal.	.04	- .04½
63-66 octane, tanks.	gal.	.04¼	- .04⅝
67-69 octane, tanks.	gal.	.04½	- .04⅞
70-72 octane, tanks.	gal.	.04⅝	- .05
natural, 12-lb. v. p., tanks, gal.		.03⅛	- .03⅜
14-lb. v.p., tanks.	gal.	.03½	—
18-lb. v.p., tanks.	gal.	.02½	- .02⅝
22-lb. v.p., tanks.	gal.	.02⅝	—
26-70 lb. v.p., tanks.	gal.	.02½	—
Pennsylvania, US motor, below 60 octane tanks.	gal.	.04¼	- .04⅜
65 octane, tanks.	gal.	.06¼	—
52-56 450 e.p., naphtha, tanks.	gal.	.04⅜	- .05
Gelatin, silver, cs.	lb.	.45	- .50
Geisemium root, bls.	lb.	.11	- .12
Gentian root, bls.	lb.	.07	- .07½
grd., bbls., bxs.	lb.	.09½	- .10
powd., bbls., bxs.	lb.	.10½	- .11
Geraniol, cns., dms.	lb.	.67	- 3.00
Geranyl acetate, bots., dms.	lb.	1.20	- 2.50
Ginger root, African, bgs.	lb.	.04⅞	- .05
Cochin, lemon, bgs.	lb.	.06¾	- .07¼
Jamaica, bold, bgs.	lb.	.12	- .13
grinding, bright, bgs.	lb.	.08½	- .09
medium, bgs.	lb.	.09½	- .10
Japanese, bgs.	lb.	.05¾	- .06¼
Ginseng fibers, cs.	lb.	1.75	- 3.00
Root, cultivated, cs.	lb.	6.00	- 7.00
wild, Southern, cs.	lb.	10.00	-14.00
Glauber's salt, anhyd. (See Soda Sulphate).			
cryst., dom., bgs., bbls., c.l., works.	100 lbs.	.95	- 1.18
5 tons or over, works.	100 lbs.	1.05	- 1.25
less than 5 tons, works.	100 lbs.	1.15	- 1.35
import., bgs.	100 lbs.	1.05	- 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.11¼	—
l.c.l., dlvd.	lb.	.12	—
56/58, bgs., c.l., dlvd.	lb.	.11	—
l.c.l., dlvd.	lb.	.11½	—
58/82 bgs., c.l., dlvd.	lb.	.12½	—
l.c.l., dlvd.	lb.	.13	—
82/108, bgs., c.l., dlvd.	lb.	.13	—
l.c.l., dlvd.	lb.	.13½	—
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest.	lb.	.15	—
l.c.l., same basis.	lb.	.15½	—
60/164, bgs., c.l., same basis, lb.		.16½	—
l.c.l., same basis.	lb.	.17	—
67/122, bgs., c.l., same basis, lb.		.17½	—
l.c.l., same basis.	lb.	.18	—
75/222, bgs., c.l., same basis, lb.		.18½	—
l.c.l., same basis.	lb.	.19½	—
88/251, bgs., c.l., same basis.	lb.	.19½	—
l.c.l., same basis.	lb.	.20½	—
92/283, bgs., c.l., same basis.	lb.	.20½	—
l.c.l., same basis.	lb.	.21½	—
102/315, bgs., c.l., same basis, lb.		.21	—
l.c.l., same basis.	lb.	.22	—
113/347, bgs., c.l., same basis.	lb.	.22	—
l.c.l., same basis.	lb.	.23	—
125/379, bgs., c.l., same basis, lb.		.23	—
l.c.l., same basis.	lb.	.24	—
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.			
Glycerin, C.P., cns., l.c.l.	lb.	.14½	.15
dms., c.l., dlvd.	lb.	.12½	—
l.c.l., dlvd.	lb.	.13	—
tanks, dlvd.	lb.	.12¼	—
dynamite, dms.	lb.	Nominal.	
high gravity, dms., c.l., dlvd.	lb.	.12	—
l.c.l., dlvd.	lb.	.12¼	—
tanks, dlvd.	lb.	.11¾	—
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.	lb.	.09	—
l.c.l., same basis.	lb.	.09½	.10
tanks	lb.	.08¾	—
for refiners, dms., returnable, tanks, dlvd.	lb.	.08¾	.08⅞
soapiye, basis 80%, dms., tanks, returnable, dlvd.	lb.	.07¾	.07⅞
Glycol boriborate, dms.	lb.	.22	—
Phthalate, dms.	lb.	.38	—
Stearate, dms.	lb.	.24	—
Gold, U.S. purchase price.	oz.	35.00	—
Chloride, acid brown, bots.	oz.	20.75	-21.00
yellow, bots.	oz.	18.75	-19.00
Gold-soda chloride, photo., bots.,	oz.	13.00	—
USP IX, bots.	oz.	14.50	-14.75
Gold of pleasure seed, bgs.	lb.	.11½	.12
Goldenseal root, bls.	lb.	2.75	- 2.80
powd., bxs.	lb.	3.15	- 3.20
Grains of paradise, bgs.	lb.	.38	- .40
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works.	lb.	.06	—
bbls., c.l., works.	lb.	.06¼	—
l.c.l., works.	lb.	.06½	—
powd., amorph., 90% 325 mesh, 85% graphitic carbon, bgs., c.l., works.	lb.	.02½	—
65% graphitic, carbon, bbls., c.l., works.	lb.	.02¾	—
l.c.l., works.	lb.	.03¼	—
80% graphitic, carbon, bgs., c.l., works.	lb.	.03½	—
bbls., c.l., works.	lb.	.03¾	—
l.c.l., works.	lb.	.04½	—
Grease, house, trcs.	lb.	.04¾	.04⅞
White, trcs.	lb.	.05½	.05½
Yellow, trcs.	lb.	.04⅞	.05
Wool (see Adeps lanae and Degras).			
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	.21	—
6-10%, bbls., same basis, lb.		.22	—
11-15%, bbls., same basis.	lb.	.23	—
16-20%, bbls., same basis.	lb.	.23½	—
21-25%, bbls., same basis.	lb.	.24	—
26-30%, bbls., same basis.	lb.	.24½	—
31-35%, bbls., same basis.	lb.	.25½	—
36-40%, bbls., same basis.	lb.	.27	—
41-45%, bbls., same basis.	lb.	.28½	—
46-50%, bbls., same basis.	lb.	.30	—
reduced, C.P., color content up 5%, same basis.	lb.	.06	—
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.			
reduced, C.P., color content up 5%, same basis.	lb.	.06	—
6-10%, bbls., same basis.	lb.	.06¾	—
11-13%, bbls., same basis.	lb.	.07¼	—
14-16%, bbls., same basis.	lb.	.07¼	—
17-19%, bbls., same basis.	lb.	.07¾	—
20-21%, bbls., same basis.	lb.	.08	—
22-23%, bbls. same basis.	lb.	.08¼	—
24-25%, bbls., same basis.	lb.	.08½	—
26-27%, bbls., same basis.	lb.	.08¾	—
28-29%, bbls., same basis.	lb.	.09¼	—
30-31%, bbls., same basis.	lb.	.10	—
32-33%, bbls., same basis.	lb.	.11¼	—
34-35%, bbls., same basis.	lb.	.12¾	—
36-40%, bbls., same basis.	lb.	.14¼	—
41-45%, bbls., same basis.	lb.	.16¼	—
46-50%, bbls., same basis.	lb.	.16¾	—
51-55%, bbls., same basis.	lb.	.17¼	—
56-60%, bbls., same basis.	lb.	.17¾	—
61-65%, bbls., same basis.	lb.	.18¼	—
66-70%, bbls., same basis.	lb.	.19¼	—
71-75%, bbls., same basis.	lb.	.20¼	—
Chrome oxide, doms., pure, bbls.	lb.	.22	—
ceramic, light shades, bbls., c.l., works.	lb.	.28	—
l.c.l., works.	lb.	.30	—
standard grade, bbls., works.	lb.	.21	.22
Chrome, tetrahydroxide, bbls.	lb.	.85	—
Paris (see P).			
Tungstated, brilliant, kgs.	lb.	3.50	—
emerald, kgs.	lb.	2.35	—
Verdigris (see V).			
Green dyes are listed under Dyes.			
Grindelia robusta, bls.	lb.	.08	.09
Guaiac resin, cs.	lb.	.27	- .28
strained, cs.	lb.	.75	- .80
Wood, bls.	lb.	.04	- .05
Guaiacol, liq., djns.	lb.	1.85	- 1.91
Carbonate, fib. dms., 25 lbs.	lb.	2.40	- 2.74
Guarana, powd., cs.	lb.	1.00	- 1.05
Gum, aloe (see A).			
Ammoniac, tears., cs.	lb.	.85	- .90
Arabic, amber sorts, cleaned, bgs.	lb.	.10½	- .11
white sorts, 1, bgs.	lb.	.22	- .24
2, bgs.	lb.	.21	- .22
white powd., bbls.	lb.	.13	- .14
Asafetida (see A).			
Asphaltum (see A).			
Benzoin, Siam, cs.	lb.	1.40	- 1.60
Sumatra, cs.	lb.	.17	- .18
Camphor (see C).			
Chicle, prime, 35% moisture, bgs., ton lots.	lb.	.38	- .39
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran.	lb.	.34¾	—
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.			
2, cloudy, white, bgs., c.l., same basis.	lb.	.26¾	—
3, selected pale straw bold, bgs., c.l., same basis.	lb.	.17½	—
4, pale bold straw, bgs., c.l., same basis.	lb.	.18¾	—
5, pale, straw bold, bgs., c.l., same basis.	lb.	.14¼	—
6, pale amber bold, bgs., c.l., same basis.	lb.	.14¾	—
7, pale, straw bold, bgs., c.l., same basis.	lb.	.11¾	—
8, light amber bold, bgs., c.l., same basis.	lb.	.11¾	—
9, medium light amber, bold, bgs., c.l., same basis.	lb.	.08¾	—
10, rescraped hard amber bold, bgs., c.l., same basis, lb.		.09¼	—
11, hard dark amber bold, bgs., c.l., same basis.	lb.	.07½	—
12, selected, bold sorts, bgs., c.l., same basis.	lb.	.06½	—
13, dark sorts bold, bgs., c.l., same basis.	lb.	.05¾	—
14, selected, fully scraped, ivory, bgs., c.l., same basis.	lb.	.15½	—
15, ordinary ivory sorts, bgs., c.l., same basis.	lb.	.06¾	—
16, inferior ivory sorts, bgs., c.l., same basis.	lb.	.05¾	—
17, pale, fingers, bgs., c.l., same basis.	lb.	.14¼	—
18, pale straw nubs, bgs., c.l., same basis.	lb.	.11¾	—
19, pale straw nubs, bgs., c.l., same basis.	lb.	.11¼	—
20, hard dark amber nubs, bgs., c.l., same basis.	lb.	.08¼	—
21, ordinary selected nubs, c.l., same basis.	lb.	.06¾	—
22, small mixed nubs, bgs., c.l., same basis.	lb.	.06¼	—
23, dark mixed nubs, bgs., c.l., same basis.	lb.	.06¼	—

Elm Bark—Gum, Rosin

Gum, copal, 24, No. 1, ivory nubs, bgs., c.l., same basis.	lb.	.12¾	—
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb.		.06¼	—
26, pale, bold chips, bgs., c.l., same basis.	lb.	.06	—
27, pals small chips, bgs., c.l., same basis.	lb.	.05¾	—
28, pale dust, bgs., c.l., same basis.	lb.	.04¾	—
East India, Batu, bold scraped, bgs., c.l., same basis.	lb.	.05	—
unscraped, bgs., c.l., same basis.	lb.	.04	—
chips, bgs., c.l., same basis,		.03¾	—
dust, bgs., c.l., same basis.	lb.	.03¾	—
nubs and chips, bgs., c.l., same basis.	lb.	.03¾	—
black, bold, scraped, bgs., c.l., same basis.	lb.	.06¾	—
unscraped, bgs., c.l., same basis.	lb.	.04¼	—
nubs and chips, bgs., c.l., same basis.	lb.	.04¼	—
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.	lb.	.11¾	—
chips, bgs., c.l., same basis.	lb.	.05¾	—
dust., bgs., c.l., same basis.	lb.	.03¾	—
nubs, bgs., c.l., same basis.	lb.	.09½	—
Singapore, Rasak, bold, bgs., c.l., same basis.	lb.	.14	—
chips, bgs., c.l., same basis,	lb.	.05¾	—
dust, bgs., c.l., same basis.	lb.	.03¾	—
nubs, bgs., c.l., same basis,	lb.	.09¾	—
Manila, Boeas, amber and dark, bskts., c.l., same basis.	lb.	.11½	—
light, bskts., c.l., same basis.	lb.	.13¾	—
Loba A, bskts., c.l., same basis.	lb.	.10½	—
B, bskts., c.l., same basis.	lb.	.10¼	—
C, bskts., c.l., same basis.	lb.	.09¾	—
CNE, bskts., c.l., same basis.	lb.	.06	—
D, bskts., c.l., same basis,	lb.	.08¾	—
DK, bskts., c.l., same basis,	lb.	.05¾	—
dust, bskts., c.l., same basis,	lb.	.06¼	—
Sambas and white split chips, bskts, c.l., same basis.	lb.	.14	—
Singapore, dust., bskts., c.l., same basis.	lb.	.05¼	—
spirit-soluble, CBB, bskts., basis.	lb.	.06¼	—
DBB, bskts., c.l., same basis.	lb.	.07¾	—
MA, bskts., c.l., same basis,	lb.	.06¼	—
MB, bskts., c.l., same basis,	lb.	.05¾	—
WS, bskts., c.l., same basis,	lb.	.07¾	—
Philippine, Manila, amber sorts, bskts., c.l., same basis.	lb.	.06¼	—
chips, pale, bskts., c.l., same basis	lb.	.06¼	—
chips, pale, small, bskts., c.l., same basis.	lb.	.07¼	—
extra pale sorts, bskts., c.l., same basis.	lb.	.08¾	—
nubs, bskts., c.l., same basis.	lb.	.10¾	—
pale, scraped, bskts., c.l., same basis.	lb.	.11¾	—
seeds and dust, bskts., c.l., same basis.	lb.	.05¾	—
Pontianak, bold, genuine, bgs., same basis.	lb.	.15¼	—
mixed, bgs., c.l., same basis.	lb.	.13¾	—
split, bgs., c.l., same basis,	lb.	.12	—
chips, bgs., c.l., same basis.	lb.	.07¼	—
nubs, bgs., c.l., same basis.	lb.	.10¼	—
Dammar, Batavia, A, cs., c.l., same basis as copal.	lb.	.20	—
A/D, cs., c.l., same basis.	lb.	.13¾	—
A/E, cs., c.l., same basis.	lb.	.11¾	—
B, cs., c.l., same basis.	lb.	.18¼	—
C, cs, c.l., same basis.	lb.	.14¼	—
D, cs., c.l., same basis.	lb.	.12¼	—
dust., cs., c.l., same basis.	lb.	.05¾	—
E, cs., c.l., same basis.	lb.	.07¾	—
F, cs., c.l., same basis.	lb.	.07¼	—
Singapore 1, cs., c.l., same basis.	lb.	.13¾	—
2, cs., c.l., same basis.	lb.	.10¾	—
3, cs., c.l., same basis.	lb.	.05¾	—
chips, cs., c.l., same basis.	lb.	.09¼	—
dust., cs., c.l., same basis,	lb.	.05¾	—
seeds, cs., c.l., same basis,	lb.	.07¾	—
Elemi, cns., c.l., same basis as copal.	lb.	.06¼	—
Ester, dms., dlvd. New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs.,	lb.	.06	.06¾
less than 10,000 lbs., same basis.	lb.	.06½	.07
dlvd., western N.Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l.	lb.	.06¾	.07
l.c.l., same basis.	lb.	.07	.07⅛
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l.	lb.	.07	.07⅛
l.c.l., same basis.	lb.	.07¼	.07⅜
Euphorbium, cs.	lb.	.22	.26
Galbanum, cs.	lb.	1.00	- 1.50
Gamboge, pipe, cs.	lb.	.55	- .60
powd., bbls.	lb.	.09	- .25
Ghatti, soluble, bgs.	lb.	.11	- .15
superior, bgs.	lb.	.09	- .11
Guaiac (see Guaiac resin).			
Karaya, bbls., bxs., dms.	lb.	.14	- .22
Kauri, brown, XXX, cs., c.l., lb.		.60	—
BX, cs., c.l., same basis.	lb.	.38	—
B1, cs., c.l., same basis.	lb.	.28	—
B2, cs., c.l., same basis.	lb.	.24	—
B3, cs., c.l., same basis.	lb.	.18½	—
80% chips, cs., c.l., same basis.	lb.	.12½	—
pale, XXX, cs., same basis, lb.		.61	—
1, cs., c.l., same basis.	lb.	.41	—
2, cs., c.l., same basis.	lb.	.24	—
3, cs., c.l., same basis.	lb.	.17¾	—
Kino, tins.	lb.	3.50	Nom.
Mastic, cs., c.l., same basis as copal.	lb.	.55	- .56
Myrrh, USP, cs.	lb.	.39	- .40
Olibanum, siftings, bls.	lb.	.07½	- .12
tears, cs.	lb.	.16	- .34
Opium (see O)			
Rosin (see R)			

Gum, Sandarac—Lobelia

Gum, sandarac, cks., c.l., same basis as copal..lb. .15 - .19
Scammony, cs. .....lb. 1.80 - 1.90
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs. .....lb. .09½ - .09½
Talha, bgs.....lb. .07½ - .08
Thus, bbls. .....280 lbs.14.00 -14.28
Tragacanth, Alleppo, 1 cs...lb. 2.25 - 2.85
2, cs. .....lb. 1.80 - 1.90
3, cs. .....lb. 1.60 - 1.65
flake, bgs. .....lb. .30 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½ -
powd., bgs., c.l., same basis.lb. .04½ -
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme Tex., frt. equal.ton.21.15 - -
Medicine Lodge, Kans., frt. equald..ton.17.00 - -
New Brighton, N. Y., frt. equald..ton.27.15 - -
Southard, Okla., frt. equald..ton.17.00- -
Sweetwater, Tex., frt. equald..ton.21.15 - -
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - -
Blue Rapids, Kans., frt. equald..ton.12.50 - -
New Brighton, N. Y., frt. equald..ton.14.00 - -
Southard, Okla., frt. equald..ton.12.50 - -
Sweetwater, Tex., frt. equald..ton.12.50 - -
stucco, paper bgs., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich. Gypsum, O.; New Brighton, N.Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - -
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - -
import, bgs., ex dock....ton.27.50 - -

H

Hawthorn berries, bgs.....lb. .20 - .21
Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .11½ - .12
Helonias root, bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .18 - .28
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03 - —
l.c.l., bbls., works.....lb. .03¼ - —
tanks, works.....lb. .02¾ - —
Hempseed, Manchur, bgs.....lb. .05¼ - .05½
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .08 - .09
powd., bbls. bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½ - —
normal, 86-100°, dms., c.l., Group 3..gal. .11½ - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½ - —
Hexalin, dms.....lb. .80 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½ - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½ - —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .38 - —
fib. ctns., works.....lb. .40 - —
more, works..lb. .30 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.65 - —
Hops, N. F., bls.....lb. .15 - .20
Horehound, bls.....lb. .08½ - .09
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz. .....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz. .....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns.. works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾ - .04
100 vols., cbys., E.ofMiss.R.lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, crbys., bbls.....lb. .25 - —
ext., bbls. .....lb. .13 - —

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½ - .19
powd., bbls.....lb. .74½ - .85
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs.....lb. 1.07 - —
less 5%, kgs., 150 lbs...lb. 1.07 - —
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals.gal. 1.70 - —
cbys., 5 gals.....gal. 1.75 - 1.80
mild, bbls., 47 gals.....gal. .95 - —
cbys., 5 gals.....gal. 1.00 - 1.05
Iodoform, dms., 100 lbs.....lb. 3.95 - —
jars, 25 lbs.....lb. 4.05 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .09 - .10
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .21
Iron acetate, N. F. IV, cbys, 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Iron, chloride (ferris), tech., anhyer., 300-lb. dms..100 lbs. 4.65 - 6.25
140-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equid..lb. .05 - .06
kegs, works, frt. alld. or equid..lb. .07½ - .08
liquor, cbys., works, frt. alld. or equid..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½ - —
kegs .....lb. .08½ - —
Chloride, USP solut., cbys., works, frt. alld. or equid. lb. .6½ - .07
djns .....lb. .07½ - —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots .....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.99 - —
syrup, djns.....lb. .37 - .38
bots .....lb. .52 - —
Nitrate, comi., kgs.....lb. .02¾ - .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., bbls., 275 lbs..lb. .04¼ - —
dms., 100 lbs.....lb. .06½ - —
Iron ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½ - —
kgs. .....lb. .25½ - —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½ - —
kgs. .....lb. .25½ - —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .096 - —
W. of Rockies, frt. alld..lb. .10 - —
55 gls., c.l., E. of Rockies, frt. alld..lb. .061 - —
W. of Rockies, frt. alld, lb. .06½ - —
l.c.l., E. of Rockies, frt. alld..lb. .066 - —
W. of Rockies, frt. alld, lb. .07 - —
tanks, E. of Rockies, frt. alld., lb. .051 - —
W. of Rockies, frt. alld..lb. .05½ - —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
W. of Miss., frt. alld., gal. .39 - —
l.c.l., E. of Miss., frt. alld..gal. .40 - —
W. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .09 - .10
Jalap root, NF, bls.....lb. .15 - .18
powd., bbls., bxs.....lb. .20 - .22
Juniper berries, bgs.....lb. .05 - .05½

K

Kamala, tins.....lb. .21 - .22
Kaolin (see China clay).
Kava kava root, bls.....lb. .12½ - .13
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .04¼ - .04¾
Gulf ports, p.w., bulk, export, gal. .03⅝ - .03⅞
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w, bulk..gal. .04 - .04⅛
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅞ - .04¼
42-44 w.w., tanks.....gal. .04½ - .04⅝
Pennsylvania, 45 w.w., tanks. gal. .04⅝ - .04⅞
46 w.w., tanks.....gal. .04¾ - .05
47 w.w., tanks.....gal. .04⅝ - .05⅛
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½ - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleans .....gal. .11 - —
New York .....gal. .08¾ - —
San Francisco .....gal. .11½ - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd...ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .39 - .40
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 7.00 - 7.25
Middlewestern, trcs....100 lbs. 7.00 - 7.10
Neutral, trcs.....100 lbs. 7.50 - 8.00
Western, choice, trcs..100 lbs. 7.10 - 7.20
Compound, trcs.....100 lbs. 8.75 - 9.00
Larkspur seed, bgs.....lb. .34 - .35
Laurel berries, bls.....lb. .09 - .10
Leaves, Greek, bls.....lb. .04 - .04½
Lavender flowers, ordinary, bls.lb. .25 - .27
medium, bls.....lb. .34 - .35
select, bls.....lb. .40 - .45
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾ - —
powd., bbls.....lb. .10¾ - —
Lead, arsenate, bgs., dealers E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
l.c.l., bgs., dealers, E. of Rockies..lb. .11½ - —
W. of Rockies.....lb. .11¼ - —
Lead arsenate prices are works or whse basis, frt. alld, to dest. in lots of 98 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06¼ - —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¾ - —
l.c.l., dlvd. E.....lb. .06½ - —
l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib., dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .19 - .13
Oleate, bbls.....lb. .18½ - .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07½ - —
other points .....lb. .07¼ - —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash.lb. .08½ - —
Ore. and Wash.lb. .08½ - —
Colo., Mont., N. Mex., Wyo..lb. .08¼ - —
other points.....lb. .07¾ - —
smaller lots, etc.....lb. .08¼ - —
Ariz., etc.....lb. .09 - —
Ohio., etc.....lb. .08¾ - —
other points.....lb. .08¼ - —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc. lb. .07¾ - —
other points.....lb. .07½ - —
l.c.l., 5 tons, dlvd., Ala., etc...lb. .08¼ - —
Ariz., etc.....lb. .08¾ - —
Colo., etc.....lb. .08½ - —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc...lb. .08¾ - —
Ariz., etc.....lb. .09¼ - —
Colo., etc.....lb. .09 - —
other points.....lb. .08½ - —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc...lb. .08 - —
other points.....lb. .07¾ - —
l.c.l., 5 tons, dlvd., Ala., etc...lb. .08½ - —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾ - —
other points.....lb. .08¼ - —
smaller lots, dlvd., Ala., etc...lb. .09 - —
Ariz., etc.....lb. .09¼ - —
Colo., etc.....lb. .09¼ - —
other points.....lb. .08¾ - —
in oil, 95% min., 100-lb. kgs., lb. .12¼ - —
Resinate, fused, 15%, bbls...lb. .09½ - —
pale, bbls. .....lb. .11½ - —
precip., bbls. .....lb. .16½ - —
Stearate, bbls.....lb. .25 - —
Sulphate (see Lead, white, basic sulphate)
Titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼ - —
Pac. Cst., ex whse....lb. .10¼ - —
smaller lots, E. frt. alld. lb. .10½ - —
Pac. Cst., ex whse....lb. .10½ - —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼ - —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07½ - —
other points.....lb. .07¼ - —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½ - —
other points.....lb. .06¼ - —
basic sulphate, l.c.l., dlvd., Ariz., etc..lb. .06¾ - —
other points.....lb. .06½ - —
in oil, 100-lb. kgs., consumers..lb. .12¼ - —
dealers .....lb. .10¼ - —
painters .....lb. .11¼ - —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½ - .65
grades 2 or 3, dms., c.l., same basis..lb. .47½ - —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½ - .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½ - .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½ - .55
grades 2 or 3, dms., c.l., same basis..lb. .37½ - —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½ - .60
Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½ - .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .15 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Lime, chemical (quicklime) lump or pebble, bulk, f.o.b. Hannibal, Mo...ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va...ton. 7.00 - —
Menominee, Mich....ton 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., f.o.b., Bellefonte, Pa...ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Oranda, Va.....ton. 7.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte,, Pa..ton. 9.00 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —
lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½ - .08½
dms., same basis.....lb. .10½ - —
400 lbs., or more, bgs., same basis..lb. .07⅝ - .08⅝
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½ - .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer. gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½ - —
30-50 dms.....gal. .11 - .13
Zone 3, tanks, dealers, dlvd., gal. .11½ - —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., wks, except Cal..gal. .12 - —
Zone 5, tanks, dealers, dlvd., gal. .10¼ - —
dms. .....gal. .12 - —
Zone 6, tanks, dealers.....gal. .08½ - —
30-50 dms.....gal. .11 - .15
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham
Linalool, cns.....lb. 2.10 - 3.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .26 - .27
without leaves, bls.....lb. .18 - .19
Linseed, cake, bgs., export...ton.29.50 - —
Meal, 34%, bgs.....ton.39.50 - —
Lunarge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06½ - —
dlvd., other points....lb. .06¼ - —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½ - —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06¾ - —
smaller lots, dlvd., Ala., etc. lb. .07½ - —
Ariz., etc.....lb. .08 - —
Colo., etc.....lb. .07¾ - —
other points.....lb. .07¼ - —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.98 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.20
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .05¾ - —
smaller lots, same basis.lb. .05¾ - —
bbls., 20 tons, same basis.. lb. .05¾ - —
smaller lots, same basis.lb. .06¼ - —
ordinary, bgs., 20 tons, same basis..lb. .04½ - —
smaller lots, same basis.lb. .04¾ - —
bbls., 20 tons, same basis, lb. .04¾ - —
smaller lots, same basis.lb. .04¾ - —
titanated, bgs., 20 tons, same basis..lb. .05¾ - —
smaller lots, same basis.lb. .05¼ - —
bbls., 20 tons, same basis, lb. .05¾ - —
smaller lots, same basis.lb. .06¼ - —
Liverwort leaves, bls.....lb. .20 - .21
Lobelia herb, bls.....lb. .11 - .12
Seed, bgs.....lb. .84 - .85

Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs.....lb. .15 - .19
Lovage root, dom., bls.....lb. .34 - .35
import, bls.....lb. .35 - .37
Lupulin, N. E., tins.....lb. 1.50 - 1.55
Lycopodium, cs.....lb. 1.15 - 1.25

M

Mace, Banda, cs.....lb. .49 - .50
Batavia, cs.....lb. .32½- .33
Siauw, cs.....lb. .37 - .38
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .26 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1., bbls., c.l....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l., shipments, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b., Plymouth Meeting House. Zone 2, balance of U. S.,; prices f.o.b., Plymouth Meeting House, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, flake, dom., bbls., wks., c.l..ton.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09¼- .10½
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton.....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Import, bags.....ton.56.00 -60.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .58 - —
100-lb. lots .....lb. .55 - —
cns. .....lb. .75 - .80
Malva flowers, black, bls.....lb. .35 - .45
blue, bls.....lb. .35 - .45
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .17 - .18
Mandrake root, bls.....lb. .09 - .10
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .07½- .07¾
Manganese dioxide, African, battery, 84-87% bgs., 28-40 tons, wks.....ton.54.50 - —
5-15 tons, wks.....ton.57.50 - —
½-4 tons, wks.....ton.62.50 - —
300-600 lbs., wks....ton.72.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.51.50 - —
l.c.l. 5 tons, works...ton.54.50 - —
smaller lots, works..ton.59.50 - —
burlap bgs., c.l., works.ton49.25 - —
burlap bgs., l.c.l., 5 tons, works..ton.52.25 - —
smaller lots, works.ton.57.25 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works..ton.50.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.01 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
Glycerophosphate, solut., djns., 1,000-lb. lots..lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs.....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Alt. ports..unit-ton. .28 - .29 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65%, $MnSO_4$, bgs., c.l., dlvd, South..ton.48.75 - —
l.c.l., bgs.....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt...ton.24.75 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .24 - .25
Mannitol, reagent, pure cryst., cs., works..lb 1.05 - 1.10
commercial, cryst., bbl., ton lots, works..lb. .46 - —
smaller lots, works.....lb. .57 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .20 - .22
Tunisan, bls.....lb. .18 - .19
Matico leaves, bls.....lb. .22 - .23
Menthol, USP, natural, cs.....lb. 2.95 - 3.05
synthetic, tech., cs.....lb. 2.25 - —
USP, cs.....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .85 - —
25 lbs.....lb. .87 - —
50%, pails, 50 lbs.....lb. 1.23 - —
25 lbs.....lb. 1.25 - —
Mercury (see Quicksilver).
Ammoniated (see white precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.90 - 1.94
fib., dms., 100 lbs.....lb. 1.77 - —
jars, 25 lbs.....lb. 1.79 - —
Chloride (see Calomel).
Iodide, red, N.F., bots., 5 lbs.lb. 3.81 - 3.85
cns., 25 lbs.....lb. 3.70 - 3.75
fib., dms., 100 lbs.....lb. 3.70 - 3.75
yellow, bots., 5 lbs.....lb. 3.91 - 3.95
cns., 25 lbs.....lb. 3.80 - —
fib., dms., 100 lbs.....lb. 3.80 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide, red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl...lb. 1.51 - —
USP, fib. dms., 50 lbs. or more..lb. 2.03 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.29 - —
fib., dms., 25 lbs.....lb. 1.17 - 1.22
Mesityl oxide, cns., works.....lb. .16 - .18
dms., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x3½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅞ in.....pkg.22.50 -23.00
3⅜x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.40 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, denat., grade. tanks..gal. .40 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —

Methanol in drums, car lots, is 3c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.

synth., pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss., R..lb. .07½- —
W. of Miss R. .....lb. .08½- —
tanks, dlvd. E. of Miss. R., lb. .06 - —
W. of Miss. R. .....lb. .07 - —

Logwood—Methylene Chloride

Methyl acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks....gal. .25 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4 .....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .315 - —
2, frt. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl. .....lb. .60 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.....lb. 1.85 - 2.00
Formate, dms. .....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots.....lb. 3.68 - 3.88
Salicylate, dms.....lb. .35 - .37
cns. .....lb. .37 - .40
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .23

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SOLE AMERICAN DISTRIBUTORS

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Methylethyl Ket.—Oil, Cassia

Methylethyl ketone, dms., c.l., frt., pd., E. of Rocky Mts..lb. .06 - —
l.c.l., same terms.....lb. .06½- —
tanks, same terms.....lb. .05 - —
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.50
imp. bots.....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .20½- —
l.c.l. .....lb. .21 - —
tanks .....lb. .19½- —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works....lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
Mica, dry-grd., roofing, bgs., extra and returnable, c.l., works..ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs., extra and returnable, c.l., works. ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —
white, No. 1, quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works...lb. .03 - —
roofing, bgs., extra and returnable, c.l., works.ton..29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs., extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex-whse., or frt. alld., E..lb. .04⅝- —
paper, wall or coated, bgs., c.l., frt. all., E..lb. .04½- —
l.c.l., ex-whse., or frt. all., E..lb. .04⅝- —
rubber, bgs., c.l., frt. alld. E., lb. .04 - —
l.c.l., ex-whse., or frt. alld., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk powder, skimmed roller, bbls., c.l..lb. .06 - —
l.c.l. .....lb. .07 - —
spray, bbls., c.l.....lb. .06¼- —
l.c.l. .....lb. .07½- —
unskimmed, roller bbls., c.l.lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16½- —
l.c.l. .....lb. .17½- —
Millet seed, yellow, bgs.....lb. .0350- .0375
early fortune, bgs.....lb. .0250- .0300
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P. naphtha).
Molasses, blackstrap, tanks, f.o.b., No. Atlantic ports..gal. .04½- —
f.o.b., New Orleans....gal. .03¼- —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works .....lb. .55 - —
Monobutylamine, dms., c.l., works..lb. .62 - —
l.c.l. .....lb. .65 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. .....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniline, dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., divd..lb. .65 - —
l.c.l., divd. .....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate, monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs. .....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs. .....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs. .....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .76 - .80
Leaves, bls. .....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.25 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb. .....lb. 3.65 - —
ketone, cns., 100 lbs. or more. lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb. .....lb. 3.80 - —
xylol, cns., 100 lbs., or more, lb. 1.00 - —
5 lbs. to 75 lbs.....lb. 1.10 - —
1 lb. .....lb. 1.25 - —
Musk root, pls.....lb. .11 - .14
Mustard seed, Bombay, brown, bgs..lb. .03¾- .04¼
California, brown, bgs.....lb. .06 - .06½
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .09¼- .09½
Dutch, yellow, bgs.....lb. .08 - .08½
English, yellow, bgs.....lb. .09¼- .09½
Roumanian, yellow, bgs....lb. .06 - .06½
Myrobalans, J1, bgs., shipt..ton.24.00 - —
J2, bgs., shipt.....ton.17.00 - —
R2, bgs., shipt.....ton.16.75 - —
Extract, liquid, 25%, bbls....lb. .03¾- —
solid, 50% bbls.....lb. .04¼- —
powdered, 70% bbls.....lb. .05 - —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 - —
bgs., bbls., l.c.l., works, 100 lbs. 2.50 - 2.60
78 deg., bgs., c.l., works., 100 lbs. 2.50 - —
l.c.l., works .....100 lbs. 2.75 - 2.85
import, bgs., Atl. port.100 lbs. 1.65 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .05¾- —
50-lb., cs., same basis..lb. .06 - —
pkgs. (16 oz.), same basis, lb. .06½- —
(12 oz.) same basis..pkg. .05¼- —
Chipped, crushed, bbls., same basis..lb. .05¼- —
rice, cryst., powd., bbls., same basis..lb. .05¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb., tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk., f.o.b. Carrollville, Wis., dlvd.....unit-ton. 1.90 - —
f.o.b. Chemical, Ill., unit-ton. No prices.
East Coast producing points..unit-ton. 2.45 Nom.
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.40 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Aleppo, bgs., cs ..lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- —
110s, bgs., cs.....lb. .16¾- .17
West Indian, bgs.....lb. .10 - .10¼
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., wks..lb. .03½- —
l.c.l., bbls., wks.....lb. .03¾- —
tanks .....lb. .02¾ —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.25 - 2.30
s.p.a., bots.....lb. 2.40 - 2.45
sweet, true, exp., cns.....lb. .57 - .58
Amber, crude, cns.... .....lb. .20 - .21
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.40.00 -45.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .70 - .75
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06¼ Nom.
Bay, W. I., 50-55% phenols, cns..lb. 1.15 - 1.20
55-60% phenols, cns.....lb. 1.25 - 1.30
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.85 - 3.85
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .15 - .18
rectified, cns.....lb. .60 - .65
Bois de rose, Brazil, cns.....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .44 - .46
USP IX, cns.....lb. .50 - .52
Calamus, cns.....lb. 5.50 - 6.00
Camphor, sassafrassy, cns...lb. .30 Nom.
dms. .....lb. .27 Nom.
white, cns.....lb. .30 Nom.
dms. .....lb. 27 Nom.
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns.....lb. 1.80 - 1.85
Capsicum (oleoresin), N. F. VI, cns..lb. 1.90 - 2.00
Caraway, USP, cns.....lb. 1.75 - 1.80
Cardamom, bots.....lb.18.25 -25.50
Cassia, USP, cns., dms.....lb. .85 - .90

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Help us tell the public that

CANCER can be cured

But treatments must be started in time . .

Large gifts are needed by the New York City Cancer Committee. But if you can spare only $1, bring it today or mail it to the Red Door, 130 East 66th Street, N.Y. You will receive:

1. *A year's subscription to the Committee's new publication of information about cancer research and treatment, "The Quarterly Review."*

2. *A supply of labels for your packages.*

The remainder of your $1 will be spent for the information service, distribution of free pamphlets, lectures, exhibits, publicity, etc.

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I enclose $1 for the purposes specified in your announcement.

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If not a resident of New York City, write for information to the American Society for the Control of Cancer, 1250 Sixth Avenue, New York

OIL, PAINT AND DRUG REPORTER — May 8, 1939

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Published Monthly by U. S. Industrial Chemicals, Inc.

USI SOLVENT NEWS USI

Reg. U.S. Pat. Off.

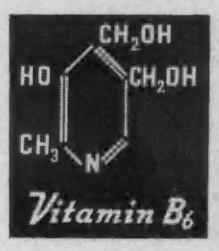
May ★ A Monthly Series for Chemists and Executives of the Solvents and Chemical Consuming Industries ★ 1939

First Vitamin B_6 Synthesis Aided by Alcohol Products

Will Make "Acrodynia" Factor Available for Clinical Use

RAHWAY, N. J.—In becoming the first company to synthesize crystalline vitamin B_6, Merck & Co., Inc., manufacturing chemists, has added still another chapter to the important part alcohol and alcohol derived chemicals have played in vitamin progress, U.S.I. learned recently.

As a result, experimental quantities of this vitamin, known to prevent or cure an acrodynia-like dermatitis in the extremities of young rats as well as a form of severe microcytic hypochromic anemia in puppies, will be available for the first time to permit qualified clinicians to study its effects on humans, Dr. C. R. Addinall told SOLVENT NEWS in a recent interview.



The synthesis, accomplished by Drs. S. A. Harris and K. Folkers in the Merck Research Laboratories, starts from chloracetic acid and acetone. By suitable condensations and modifications of the resulting compounds, 2-methyl-3-hydroxy-4, 5-di-(hydroxy-methyl)-pyridine, which is vitamin B_6, is obtained. In working up the intermediates at various points, alcohol, absolute alcohol, ethyl acetate and acetone play important parts.

Previously the structure of the vitamin had been elucidated by Merck as well as by continental investigators. Also known as "ader-

(*Continued on next page*)

Heat Indicating Paints Aid Study of Plane Fuel

OPAU, Germany—New temperature indicating paints, more sensitive than any heretofore developed for commercial use, are being applied here successfully to research studies on the efficiency of aircraft engine fuels, according to a recent report.

The new paints, it is said, show clearly temperature changes in engines and machine bearings with an accuracy of plus or minus 5°C. and include some which can be used for temperatures up to 450°C. Paints which change color at three different temperatures are among those which were developed after a study of over 300 heat-sensitive compounds, the report states.

A rapid-drying, thermostable vehicle consisting of synthetic resin dissolved in alcohol is said to be used in the paints.

Fire Extinguisher

LONDON—Cellulose acetate dissolved in volatile, non-combustible liquids as follows:

Cellulose Acetate	15%
Tetrachlorethylene	15%
Carbon tetrachloride	29%
Dichlordibromethane	30%
Bromoform	11%

was patented as a fire extinguisher liquid here.

U.S.I.'s NEW 1-GAL. UTILITY CAN

To be used for shipments of all U.S.I. products including Solox, U.S.I. proprietary solvent, this attractively lithographed container with a "U-Press-It" type of closure is particularly adaptable to display purposes.

Water-Proofs Paper With Mixture of Two Acetates

LONDON, England — Water-proof paper produced by adding an acetone solution of cellulose acetate and polyvinyl acetate to paper base is described in a patent here. The paper may be gelatine-sized before, during or after the treatment and requires no other special processing, the inventor declares.

For example, paper tub-sized with gelatine and treated with acetone solution containing 1% cellulose acetate, 1% polyvinyl acetate, 0.5% dibutyl phthalate and 0.5% Japan wax passes directly from rollers in a heated drying chamber to a wind-up reel.

The patent also cites an example in which an emulsion of polyvinyl resin solution in an aqueous solution of gelatine is mixed directly with the beaten paper pulp.

Acetone and Dibutyl Phthalate are U.S.I. Products

Stable Lac Dispersions

Colloidal dispersions of shellac in water with good stability even under dilute conditions, may be prepared by the following procedure, according to the Indian Lac Research Institute:

(1) Dissolve 100 grams of shellac in 200 cc. of methyl acetone.
(2) Add, with vigorous shaking, 10 to 15 cc. of triethanolamine, and let stand for 24 hours.
(3) Add, with stirring, water to any required dilution (up to 3 or 4 liters).

Low-Cost Traffic Paints Made With Solox and Resins

Durable, Quick-Dry Marking Developed by Gum Importers

BROOKLYN, N. Y.—Quick-drying traffic paints have been developed here in the laboratories of the American Gum Importers Association using inexpensive manila resins and U.S.I.'s proprietary solvent, Solox, Dr. C. L. Mantell, director of research for the organization disclosed to SOLVENT NEWS.

The paints dry in fifteen or twenty minutes and have already proved satisfactory under severe service conditions on highways throughout the country, it was learned.

Asked to comment on the development, Dr. Mantell replied that requirements for this type of paint are particularly rigid. He pointed out that they are expected to dry rapidly, form hard surface films which resist abrasion by wheels of vehicles and not "pick-up" in traffic. At the same time, he added, they must be able to withstand a wide range of climatic conditions and be adaptable to various types of road surfaces.

Dr. Mantell gave the following as a typical formulation for the new traffic paints:

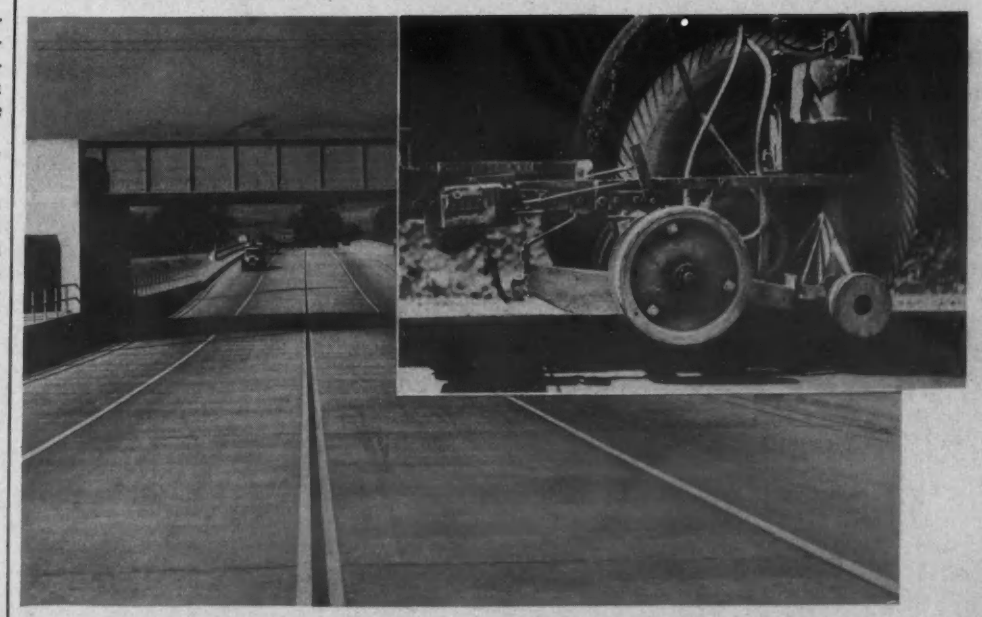
	% on basis of finished paint
Gum vehicle	58-55
Pigment	42-45
Volatile matter	35-38
Non-volatile matter	65-62

GUM VEHICLE	Parts by weight
Manila DBB resin	35-37
Solvent mixture	65-63
	100

SOLVENT MIXTURE	Parts by volume
Raw tung oil	15
Normal butyl alcohol	17
Acetone	34
Solox	34
	100

Add 5 gals. of amyl acetate to 500 gals. of product and remove yellow tint with prussian blue in oil.

(*Continued on next page*)



ROAD MARKING PAINTS must dry quickly after application to form films which can withstand the constant wear of heavy traffic. Those developed by the American Gum Importer's Assn. with inexpensive Manila resins and U.S.I.'s Solox have already found wide use on highways throughout the country.

MAY 1939 XUM

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May ★ SOLVENT NEWS ★ 1939

Makes No-Offset Spray With Cellulose Acetate In Low Boil Solvents

STAMFORD, Conn.—Cellulose acetate dissolved in solvent mixtures containing 10 to 30% of low boiling solvents is suitable for preventing offset in printing, according to a patent just issued here.

In these proportions, enough of the solvent mixture evaporates when the composition is sprayed on freshly printed sheets to convert the spray mist into tiny globules which retain sufficient solvent to adhere to each sheet, the inventor asserts.

Further evaporation of the solvent takes place almost simultaneously, yet at a slow enough rate, the patent papers state, to overcome any blushing which would make the solidified globules cloudy and thus alter the appearance of the printed matter.

The patentee gives the following formula:

	Parts by weight
Cellulose acetate	1
Ethylene dichloride	5
Specially Denatured Alcohol Formula No. 1	2.5
Ethyl Lactate	1.1

To vary the binding characteristics of his compositions, plasticizers such as diethyl and dibutyl phthalate may also be added.

S.D. Alcohol and Ethyl Lactate are U.S.I. Products

Vitamin B_6 Synthesized From Alcohol Products

(Continued from previous page)

min," it occurs as part of the B complex in yeast, rice polishings, liver, etc. Because it is extremely difficult to isolate in the pure state from these sources, only insignificant amounts, have hitherto been available. Vitamin B_6 is present in the B complex as part of the thermostable component. It occurs together with riboflavin and nicotinic acid in the so-called adsorbed portion of this component.

The vitamin was isolated as its hydrochloride, which is a white, crystalline, thermostable powder, soluble in water, inert to atmospheric oxidation and not readily attacked by acids or alkalies. Pharmacological tests have shown the synthetic product to be identical with that obtained from natural sources. It not only produces a cure of acrodynia-like dermatitis in rats, but, like all vitamins, stimulates growth.

Acetone, Ethyl Acetate and Absolute Alcohol are U.S.I. Products

U.S.I.'s Sampling System Is Check on Shipments

The new label, "APPROVED, Serial No. ...., Date ....., CONTROL LABORATORY, Baltimore," which now appears on all drums of U.S.I. chemical products is visible evidence of the extra protection each U.S.I. customer gets.

No shipments are made without this label, and in order for a label to be issued, a sample of the product must have passed a laboratory analysis showing that it meets specifications for that chemical. With the issuance of each approval serial number, a corresponding sample is placed on file in U.S.I.'s laboratory for possible future reference. Samples are normally retained for a period of six months.

Low-Cost Traffic Paints Made With Solox, Resins

(Continued from previous page)

The pigment specified in the above formulation consists of 24-25% titanium oxide and 76-75% barium sulphate. In other formulas, other white pigments such as lithopone, siliceous materials, combination titanium-barium pigments can be employed, Dr. Mantell said.

The paints may also be thinned and sprayed as interior rapid-drying coatings it was pointed out. They may be formulated to dry to a gloss or semi-gloss in from 15-30 minutes and then be subjected to service.

Dr. Mantell described the method of manufacture as simple. The Manila resin is cold cut in the solvent or only a portion of the total solvent. (For example, all the Manila resins are completely soluble in Solox.) The pigments are added to the resin solution and the mixture ground in a ball mill to satisfactory consistency, after which the remainder of the solvent may be added.

In another method of procedure given by the American Gum Importers Association, the Manila is cut in the solvent with the acetone omitted, the pigments added, the mix ground in a ball mill, and the acetone used as a thinner.

SOLOX, Butyl Alcohol, Amyl Acetate and Acetone are U.S.I. Products

Baltimore Office in Plant

U.S.I.'s Baltimore office is now located at the Company's manufacturing plant in the Fairfield section of Baltimore. The new mail address is Box 326, Baltimore, Md., and the telephone number is Curtis 0863.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

An odorless, stainless, enduring wood preservative resists leaching and gives positive protection against rot-fungus, termites and other insects at low cost, an announcement states. Containing compounds of low volatility the material is claimed to be self-impregnating when applied by brush, dip or spray and permits painting of the wood soon after. **(No. 209)**

U S I

A new cleaner for copper, brass, bronze and other metals instantly removes tarnish, stains and oxide films, yet contains no abrasives, acid or caustic and requires no rubbing, the manufacturer states. It is said to clean by chemical action when applied with a brush and then is immediately wiped off with a wet rag and dried. **(No. 210)**

U S I

A new cellophane adhesive for attaching paper labels to moisture-proof cellophane by machine or hand, is colorless, has a fast initial tack and no residual odor, the manufacturer reports. Particular application to food packaging is claimed.

U S I **(No. 211)**

Paint films of precise thickness from .0005 to .015 in. are easily produced with a new film applicator, a recent report states. The device consists of two telescoping steel tubes and may be used with any liquid or plastic finish, it is said.

U S I **(No. 212)**

Commercial sodium metasilicate now available in powder form, is particularly adaptable to the manufacture of alkaline cleaning compounds, the maker claims. A .06% solution in water yields a pH of 11.5, according to the manufacturer.

U S I **(No. 213)**

To prevent contamination of latex, caustic liquor for rayon, and costly dyes during shipment, a new paint contains a special rubber isomer instead of the usual oil or resin. The paint is applied to the interior surface of tank cars,storage tanks, drums, pipe lines, etc., an announcement explains. **(No. 214)**

U S I

A new cold-process cleaning solution is said to combine solvent degreasing with soap washing to remove quickly and completely mineral oil, paint, grease, dirt, etc., from metal parts. The product emulsifies readily in water the maker states. **(No. 216)**

U S I

A protective film of metallic lead is formed by spraying or brushing a new paint over metal, wood or concrete. It may be applied to galvanized surfaces without pretreatment and is extremely resistant to acids, alkalies and oils, the notice continues. **(No. 217)**

U S I

Sharp, positive prints from tracings can be made easily, quickly and at low cost with a new portable printer, according to an announcement. Blue line on white background prints up to 12 x 18 in. are possible with a unit weighing only 33 lb., it is claimed. **(No. 218)**

U S I

A new tracing medium is similar in appearance to the well-known blue tracing cloth but "takes" pencil work, according to the manufacturer. Glass-like transparency and velvety surface are combined to withstand hard usage, it is stated. **(No. 219)**

U.S.I. INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., N.Y. U.S.I. BRANCHES IN ALL PRINCIPAL CITIES

A SUBSIDIARY OF U. S. INDUSTRIAL ALCOHOL CO.

ALCOHOLS
Amyl Alcohol
Butyl Alcohol
Fusel Oil—Refined
Isopropyl Alcohol
Methanol

Ethyl Alcohol
Anhydrous
Absolute
C. P. 96%
Pure (190 proof)
Specially Denatured
Completely Denatured
U. S. I. (Denatured Alcohol Anti-freeze)
*Super Pyro Anti-freeze
*Solox Proprietary Solvent

***ANSOLS**
Ansol M
Ansol PR

ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.

KETONES
Acetone, C.P.
Methyl Acetone

INTERMEDIATES
Acetoacetanilid
Acetoacet-o-chloranilid
Acetoacet-o-toluidid
Ethyl Acetoacetate
Para-chlor-o-nitraniline
Sodium Ethyl Oxalacetate

ESTERS, ACETATES
Acetic Ether
Amyl Acetate
Butyl Acetate
Ethyl Acetate
Isopropyl Acetate

ESTERS, PHTHALATES
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

ESTERS, ETHYL
*Diatol
Diethyl Carbonate
Diethyl Maleate
Diethyl Oxalate
Ethyl Chlorocarbonate
*Registered Trade Mark
Ethyl Formate
Ethyl Lactate

ESTERS, BUTYL
Butyl Propionate
Dibutyl Maleate
Dibutyl Oxalate

OTHER ESTERS
Amyl Propionate
Dimethyl Maleate

OTHER PRODUCTS
Collodions
*Curbay Binders
*Curbay X (Dried Curbay)
Ethylene
Nitrocellulose Solutions
Potash, Agricultural
Urethane

Oil, castor, blown, one-way dms., c.l.	lb.	.10¼- —
l.c.l.	lb.	11 - —
medicinal, bbls., c.l.	lb.	.08¾- —
l.c.l.	lb.	.09½- —
cns. (1-gal.), l.c.l.	lb.	.12½- —
dms. (returnable), c.l.	lb.	.08½- —
l.c.l.	lb.	.09¼- —
(5-gal.), l.c.l.	lb.	.10½- —
tanks	lb.	.08 - —
No. 3, bbls., c.l.	lb.	.08¼- —
l.c.l.	lb.	.09 - —
dms. (returnable), c.l.	lb.	.08 - —
l.c.l.	lb.	.08¾- —
tanks	lb.	.07½- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l., prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.		
sulphonated, 50% (43% fat), dms., c.l.	lb.	.06 - —
l.c.l.	lb.	.07 - —
75% (63% fat), dms., c.l.	lb.	.08¾- —
l.c.l.	lb.	.09¾- —
80% (68% fat), dms., c.l.	lb.	.09¼- —
l.c.l.	lb.	.10¼- —
Cedarleaf, cs.	lb.	.60 - .62
dms.	lb.	.55 - .57
Cedarwood, Oregon, cns., dms.	lb.	.28 - .30
Southern, cns., dms.	lb.	.18½- .23
Celery, bots.	lb.	7.50 - 8.75
Chaulmoogra, USP, cns., 500 lbs.	lb.	.72½- —
25 lbs.	lb.	.75 - —
Chinawood, dms.	lb.	.17¾ Nom.
tanks	lb.	.17¼ Nom.
Cinnamon, Ceylon, bots.	lb.	8.50 -25.00
Seychelle, bots.	lb.	6.50 - 7.50
Citronella, Ceylon, cns.	lb.	.35 - .36
dms.	lb.	.33 - .34
Java, cns., dms.	lb.	.27 - .28
Clove, makers, USP, cns.	lb.	.98 - —
dms.	lb.	.95 - —
Coconut, Manila, crude, tanks,	lb.	.03¼- —
Pac. Cst.	lb.	.02⅞- .03
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.08¼- —
l.c.l.	lb.	.08¾- —
tanks	lb.	.07⅞- —
Cod, Newfoundland, shipt., un-tanked	gal.	.32 - .33
Norwegian, shipt., bbls.	gal.	.27 - .30
Codliver, med., USP, bbls.	bbl.	21.00 -22.00
Coriander, bots.	lb.	12.75 -13.00
Corn, crude, tanks, works	lb.	.06 - .06¼
refd., bbls.	lb.	.08¾- .09
Cottonseed, dom., cooking, bbls.	lb.	.08¼- —
salad, bbls.	lb.	.08½- —
import, Brazilian, semi-refd., bulk	lb.	.0380- Nom.
Creosote (see C).		
Croton, USP, cns.	lb.	1.30 - 1.35
Cubeb, USP, cns.	lb.	2.50 - 2.75
Crude (see Petroleum, crude).		
Cumin, bots.	lb.	6.75 - 7.00
Cypress, dom., bots.	lb.	5.25 - 5.30
import, cns.	lb.	12.00 -12.25
Degras (see D).		
Diesel, Bayonne, bulk	bbl.	1.65 - —
California, 24 plus, bulk	bbl.	1.55 - —
Dill seed, bots.	lb.	2.70 - 3.00
weed, bots.	lb.	3.75 - 3.80
Dip (see D).		
Erigeron, cns.	lb.	2.40 - 2.55
Eucalyptus, cns.	lb.	.34 - .35
dms.	lb.	.32 - .33
Fennel, sweet, cns.	lb.	1.05 - 1.10
Fuel, bunker, California, tide-water	bbl.	.90 - —
Gulf Coast	bbl.	.75 - .80
Louisiana, Arkansas, 10-14,	bbl.	.85 - 1.00
N. Y. and N. J. terminals:—		
Monday	bbl.	.95 - —
Tuesday	bbl.	.95 - —
Wednesday	bbl.	.95 - —
Thursday	bbl.	.95 - —
Friday	bbl.	.95 - 1.05
Saturday	bbl.	.95 - 1.05
North Texas, 18-22	bbl	.85 - .90
24-28, zero cold test	bbl.	1.00 - 1.05
Oklahoma, 18-22	bbl.	.85 - .90
24-28, zero cold test	bbl.	1.00 - 1.15
24-28, 15 and above	bbl.	.85 - .90
Pennsylvania, 36-40	gal.	.04 - .04½
Furnace, Bayonne, 1, bulk, refinery	gal.	.04⅝- —
2, bulk, same basis	gal.	.03¾- —
4, bulk, same basis	gal.	.03⅜- —
Louisiana - Arkansas, 32-36, light straw	gal.	.03¼- .03½
Oklahoma, 28-30	gal.	.03 - —
32-36	gal.	.03⅜- .03½
36-38	gal.	.03⅝- .03⅝
38-40, straw	gal.	.03⅝- .03⅝
38-40 zero, 60 e.p.	gal.	.03¾- .04
Fusel (see F).		
Gas, Bayonne, bulk	gal.	.04 - —
Gulf Coast, bulk	gal.	.03½- —
North Texas, bulk	gal.	.02⅞- .03¼
Oklahoma, bulk	gal.	.02⅞- .03⅛
Gaultheria (see Oil, wintergreen leaf).		
Geranium, Algerian, rose, cns.,	lb.	2.70 - 3.50
Bourbon, cns.	lb.	2.65 - 2.85
Turkish (see Palmarosa).		
Grapefruit, cns.	lb.	1.55 - 1.75
Grapeseed, dms.	lb.	.40 - .60
Ginger, dist., bots.	lb.	4.85 - 5.00
Guaiac wood, concrete, bots.	lb.	2.50 - 2.65
Haarlem, import, bots.	gross	3.15 - 3.25
Halibut-liver, dms., 1,000 A unit	gal.	.75 - 1.00
Hemlock, cns.	lb.	.65 - .70
Juniper berry, USP, cns.	lb.	1.10 - 1.30
Wood, tech., cns.	lb.	.45 - —
Juniper tar, USP XI, 1,000 lbs., dms.	lb.	.38 - .39
cns	lb.	.40 - .41
Lard, common, 1, bbls.	lb.	.08¾- —
2, bbls.	lb.	.08½- —
extra, bbls.	lb.	.09 - —
1, bbls.	lb.	.08⅞- —
Lard, winter, strained, extra, bbls.	lb.	.09¼- —
prime burning, bbls.	lb.	.09⅜- —
prime, lned., bbls.	lb.	.09½- —
Laurel, bots.	lb.	6.25 - 6.50
Lavandin, cns., 25 lbs.	lb.	1.60 - 1.65
Lavender flower, French, 50% ester, cns.	lb.	4.50 - 4.75
38-42% ester, cns.	lb.	3.25 - 4.00
35-38% ester, cns.	lb.	2.75 - 6.00
30-32% ester, cns.	lb.	2.00 - 2.25
garden, cns.	lb.	.42 - .45
spike, Spanish, tech., cns.	lb.	1.05 - 1.10
dms.	lb.	.95 - 1.00
Lemon, Calif., cns.	lb.	2.40 - —
Messina, coppers, cns.	lb.	2.75 - 3.25
Lemongrass, native, cns., dms.,	lb.	.38 - .40
Lime, dist., Mexican, cns.	lb.	2.50 - 2.60
West Indian, cns.	lb.	3.10 - 3.15
expressed, cns.	lb.	6.50 - 6.75
Linaloe wood, cns.	lb.	1.25 - 1.30
Linseed, boiled, bbls., c.l.	lb.	.0920- .0940
l.c.l., 5 or more	lb.	.0960- .0980
less than 5	lb.	.1000- .1020
tanks	lb.	.0860- .0880
double boiled, bbls., less than	lb.	.1020- .1040
raw, bbls., c.l.	lb.	.0880- .0900
l.c.l., 5 or more	lb.	.0920- .0940
less than 5	lb.	.0960- .0980
tanks	lb.	.0820- .0840
Lovage, bots.	lb.	41.25 -60.00

Oil, lubricating, at refinery (including U.S. tax 4c. per gal):—		
California, green, 70, 80, 100, vis., dms.	gal.	.20 - —
140 vis., dms.	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.28 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½- —
15-25 pour, tanks.	gal.	.17½- —
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.20 - —
15-25 pour, tanks.	gal.	.19 - —
150-160 E. color 5½, 15-25 pour, tanks.	gal.	.18½- —
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.23 - —
200-210 E. 15-25 pour, tanks.	gal.	.22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks,	gal.	.14 - —
4 color, tanks.	gal.	.13½- —
200 vis., 3 color, tanks,	gal.	.14½- —
4 color, tanks.	gal.	.14 - —
250 vis., 3 color, tanks,	gal.	.15½- —
4 color, tanks.	gal.	.15 - —
280 vis., 3 color, tanks.	gal.	.16½- —
4 color, tanks.	gal.	.16 - —
neutrals, 300 vis., 3½ color, tanks.	gal.	.17 - —
350 vis., same basis.	gal.	.17½- —
400 vis., same basis.	gal.	.18 - —
500 vis., same basis.	gal.	.18½- —
600 vis., same basis.	gal.	.19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.		

Oil, lubricating at refinery, Penn., bright, 600 cold test, 10-15 pour, tanks.	gal.	.15 - -
cylinder, 600 fire, tanks,	gal.	.08½- —
600 flash, tanks.	gal.	.10 - —
630 flash, tanks.	gal.	.13 - —
625 fire, tanks.	gal.	.09 - —
650 fire, tanks.	gal.	.09½- —
Warren, E, amber, tanks,	gal.	.11 - —
neutral, 150 vis., 3 color, tanks.	gal.	.14½- —
180 vis., 3 color, tanks.	gal.	.15½- —
200 vis., 2 color, tanks.	gal.	.16¼- —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.22 - —
unfiltered, 600 s.r.	bbls., f.a.s.	.15½- —
600 flash, s.r., bbls., c.l.,	gal.	.17½- —
630 flash, bbls., c.l., f.a.s.,	gal.	.20½- —
unfiltered, Warren, E, bbls., c.l., f.a.s.	gal.	.20 - —
smaller lots, f.o.b.	gal.	.21 - —
Mace, dist., cns., dms.	lb.	1.12 - 1.15
Mandarin, superior, coppers.	lb.	5.75 - 6.00
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.32 Nom.
refd., alkali, dms.	lb.	.0720- —
tanks	lb.	.0660- —
refd., blown, dms.	lb.	.0720- —
kettle-bodied, dms.	lb.	.0820- —
light, pressed, dms.	lb.	.0660- —
tanks	lb.	.0600- —
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP, cns.	lb.	1.60 - 1.65
dist., natural, bots.	lb.	8.50 - 9.00
expressed, bbls.	gal.	.65½- .70
Neatsfoot, 20° cold test, bbls.,	lb.	.15¼- —
extra, bbls.	lb.	.09½- —
1, bbls.	lb.	.08¾- —
pure, bbls.	lb.	.12 - —
prime, bbls.	lb.	.09¼- —
sulphonated, common, 25% moisture, dms.	lb.	.10½- —

Oil, neroli, bots.	lb.	85.00 - 140.00
Nutmeg, USP, cns., dms.	lb.	1.12 - 1.15
Oiticica, dms.	lb.	.11 - .12
Oleo, 1, bbls.	lb.	.06 - —
2, bbls.	lb.	.07½- —
Olibanum, bots.	lb.	5.00 - 6.25
Olive, denat., bbls.	gal.	.84 - .85
edible, bbls.	gal.	1.75 - 2.00
foots, bbls.	lb.	.07 - .07½
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11½- —
l.c.l.	lb.	.12½- —
75% (63% fat), dms., c.l.	lb.	.13½- —
l.c.l.	lb.	.14½- —
80% (68% fat), dms., c.l.	lb.	.14½- —
l.c.l.	lb.	.15½- —
Orange sweet, dist., cs.	lb.	.50 - —
expressed, African, cns., dms.	lb.	.80 - .85
Calif., cns.	lb.	.90 - —
Messina, USP, coppers.	lb.	2.00 - 5.00
West India, cns.	lb.	1.70 - 1.75
Origanum, cns.	lb.	.90 - 1.00
Orris, Florentine, concrete, extra strong bots.	oz.	4.75 - 5.50
Palm, Niger, csks.	lb.	.03¾- .03¾
shipment	lb.	.300 Nom.
softs, 12½%, bulk, shipt.	lb.	.0280 Nom.
20%, bulk, shipt.	lb.	.0265 Nom.
Sumatra, shipt., bulk.	lb.	.0270 Nom.
Palmarosa, cns.	lb.	2.00 - 2.25
Palmkernel, bulk, shipt.	lb.	.0340 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
350° flash, 70-80 vis., tanks, G. 3.	gal.	.05½- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.13 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, bots. cns.	lb.	3.35 - 6.50
Peanut, crude, dom., tanks.	lb.	.05¾- .06
refd., edible, bbls.	lb.	.08¾- .09

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ALL OTHER BRANDS COMBINED
3 TO 1
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OIL OF LEMON
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DODGE & OLCOTT COMPANY
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CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIFORNIA

PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

V 135 19 MAY 1939 XUM

Oil, Pennyroyal—Peppermint Lf.

Oil, pennyroyal, dom., cns.....lb. 2.10 - 2.15
import, cns.....lb. 1.75 - 1.90
Peppermint, natural, cns., dms. lb. 2.15 - 2.40
redist., USP, cns., dms....lb. 2.40 - 2.65
Perilla, dms.....lb. .09½- .09¾
tanks .....lb. .0900- .0920
Petitgrain, Paraguay, cns...lb. .80 - .85
Pimento berry, cns.....lb. 3.35 - 3.65
leaf, cns.....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports....gal. .50 - .52
steam-dist., dms.....gal. .50 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. .96 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .25 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls. .....gal. .80 - .82
Red, dist. or saponif, bbls., dlvd..lb. .07¾- .08¼
dms., dlvd.....lb. .07¼- .08¼
tanks, dlvd.....lb. .06½- .07½
white, dms.....lb. .10¾- .11¼
Rose, artif., bots.....oz. 2.00 - 3.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 3.75 - 5.95
Sage, cns.....lb. 1.60 - 1.65
Sandalwood, E. I., USP, cns..lb. 4.50 - 4.95
Mysore, cns., case lots....lb. 19s 6d
Oil, sardine, crude, tanks, Pac. Cst..gal. .32 Nom.
refd., alkali, dms.....lb. .0720- —
tanks .....lb. .0680- —
kettle-bodied, dms.....lb. .0820- —
light, pressed, dms.....lb. .0980- —
tanks .....lb. .0600- —
Sassafras, artif., cns.....lb. .38 - .39
dms. .....lb. .36 - .37
natural, cns., dms.....lb. .99 - 1.00
Savin, cns.....lb. 1.60 - 1.65
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., import, dms..lb. .09½- .09¾
Shingle stain, bbls., c.l., wks., gal. .19 - —
l.c.l., works .....gal. .21 - —
tanks, works .....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .0610- .0650
tanks .....lb. .0550- —
refd., dms.....lb. .0780- .0770
tanks .....lb. .0670- —
Spearmint, USP, cns.....lb. 1.70 - 1.75
Spruce, cns., dms.....lb. .65 - .70
45°, dms.....lb. .0830- .0850
natural, dms.....lb. .0780- .0800
Spruce, cns., dms.....lb. .70 - .90
Sweet, birch, North, cns....lb. 2.25 - 2.65
South, cns.....lb. 1.55 - 1.60
Tall, crude, dms., c.l., works, ton.45.00 - —
l.c.l., works.....ton.50.00 -65.00
tanks, works.....ton.35.00 - —
refined, dms., c.l., works...lb. .05½- —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .05 - —
Tallow, acidless, bbls.....lb. .08½- —
tanks .....lb. .08 - —
Tansy, cns.....lb. 7.25 Nom.
Tar, coml. dms., c.l., dlvd., E. cities..gal. .25 - .26
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities...gal. .20 - —
Tar, rectfd., USP, bbls., dlvd., E. ports..gal. .55 - —
Tar acid (see T).
Oil, teaseed, crude, dms.....lb. .09½- .09¾
refined, dms.....lb. .10¾- .11
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. 1.00 - 1.25
white, dms. .....lb. 1.10 - 1.25
Tung (see Oil, chinawood).
Ti tree, cns.....lb. 2.40 - 2.90
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. .....gal. 4.25 - 5.00
Valerian, bots.....lb. 8.00 - 8.25
Vetiver, bots.....lb. 3.50 -15.00
Walnut, crude, dms.....lb. .13 - .13¼
refd., dms. .....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0770- .0790
winter, bleach, dms.....lb. .0810- .0830
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms.....gal.17.50 -25.00
White, mineral, dms., tech., 50-60 vis., dms.....gal. .40 - —
65-75 vis., dms.....gal. .42 - —
80-90 vis., dms.....gal. .43 - —
USP, 80-90 vis., dms....gal. .46 - —
95-105 vis., dms.....gal. .53 - —
125-135 vis., dms.....gal. .60½- —
140-150 vis., dms.....gal. .64 - —
175-185 vis., dms.....gal. .68½- —
200-210 vis., dms.....gal. .70½- —
320-330 vis., dms.....gal. .76 - —
335-345 vis., dms.....gal. .77 - —
Russian, 80-90 vis., dms., gal. .46 - —
145-155 vis., dms.....gal. .64½- —
175-185 vis., dms.....gal. .68½- —
335-345 vis., dms.....gal. .77 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.05 - 2.15
Wormwood, cns.....lb. 3.50 - 3.75
Ylang-ylang, Bourb., bots., cns., lb. 2.50 - 3.00
Manila, bots.....lb.18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
ground, 200 mesh, c.l., mines, ton.15.00 - —
20 mesh to dust.....ton.10.00 - —
Opium, USP, cns.....lb.11.50 -12.50
gran., cns. .....lb.12.50 -13.50
powd., cns .....lb.12.50 -13.50
Orange, Lake, Persian, bbls..lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.....lb. .11 - —
Colo., Mont., N.M., Wyo. lb. .10¾- —
Other points .....lb. .10¼- —
smaller lots, dlvd., Ala., etc..lb. .11 - —
Ariz., etc.....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points .....lb. .10¾- —
French, Tours, casks, ex dock, lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .35 - .37
Orange peel, bitter, bls.....lb. .08 - .09
sweet, bls.....lb. .12 - .13
Orris root, Florentine, bgs....lb. .10 - .11
fingers, cs. .....lb. .85 - .90
powd., bbls., bxs.....lb. .12 - .13
Verona, bls. .....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls. .....lb. .70 - —
Orthochloroaniiin, dms.....lb. .60 - .75
Orthochlorophenol, dms. .....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroaniiin, dms. .....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms. .....lb. .08 - —
Orthotoluene hydrochloride,dms.lb. .22 - —
Sulphonate, kgs. .....lb. 2.00 - 2.05
Orthotoluidin, dms. .....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls. .....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.10 - 1.15
Paprika, Hungarian, extra fancy, bgs..lb. .31 - .32
medium, bgs.....lb. .30 - .31
Portuguese, extra fancy, bgs., lb. .30 - .31
fancy, bgs.....lb. .29 - .31
Spanish, extra fancy, cs.....lb. .39 - .41
Parachlorophenol, dms.....lb. .45 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .0285- —
bbls., c.l., N. Y.....lb. .0285- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .0285- —
bbls., c.l., N. Y.....lb. .0285- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .0285- —
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03¾- —
loose, c.l.....lb. .0355- —
125-127 A.m.p., bgs., c.l..lb. .0390- —
loose, c.l.....lb. .0370- —
128-130 A.m.p., bgs., or loose, c.l..lb. .0400- —
131-133 A.m.p., bgs., or loose, c.l...lb. .0435- —
133-135 A.m.p., bgs., or loose, cl...lb. .0465- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs., or loose, c.l..lb. .0850- —
refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02¾
semirfd., solid., 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., c.l., works..lb. .10 - —
l.c.l., works .....lb. .11¼- —
5 and 10 gal. dms., works, lb. .15 - —
USP, cs, cbys.....lb. .37 - .45
Paranitroaniiin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower, herb, bls.....lb. .07 - .08
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls.....lb. .13 - .14
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls.....lb. .13 - .14
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3 .....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3 .....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .07½- .07¾
Lampong, bgs.....lb. .03¾- .04⅛
Tellicherry, bgs.....lb. .07½- .07¾
Red, chillies, Japan, Hontaka.. lb. .18½- .19
Mombassa, bgs. .....lb. .23¼- .23⅝
White, Java, Muntok, bgs...lb. .07¼- .07½
Saigon, bgs.....lb. .07 - .07⅛
Peppermint leaves, dom., bls..lb. .23 - .24
import, bls. .....lb. .45 - .46

Does this belong to anyone in the Audience?

CHANCES are the fellow who owns this stone won't even recognize it.

Years ago he bought it, buried it, and forgot about it. Yet, if anything should happen to it, the owner would be in distress. For this is a foundation stone which supports the structure he has worked so hard to build.

Because naphthas are part of the foundations of the paint business, they often suffer the same neglect. Yet things *can* happen to naphthas. Things that endanger the entire business structure that the manufacturer has worked so hard to build.

For example, a great many manufacturers have traced gum formation, livering, and discoloration directly to the action of unstable naphthas.

That's why these manufacturers are devoting more attention to their naphthas. That's why they are seeking the services of men skilled in naphthas.

Such a man is the Shell Naphtha Technician. He is a Graduate Chemical Engineer. He has the benefit of thorough training in the great Shell laboratories. He devotes his time exclusively to the study of naphthas. And his services are entirely free! Why not have him inspect your naphtha foundations regularly?

SHELL NAPHTHAS

Perchlorethylene, dms., c.l., works, frt. alld., zone 1	lb.	.08 - —
5 dms., same basis	lb.	.08½- —
less than 5 dms., same basis,	lb.	.08¾- —
Zone 2, dms., c.l., works, frt., alld.	lb.	.08½- —
5 dms., same basis	lb.	.09 - —
less than 5 dms., same basis,	lb.	.09¼- —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 - —
5 dms., same basis	lb.	.09½- —
less than 5 dms., same basis,	lb.	.09¾- —
Zone 4, dms., c.l., f.o.b., stock points.	lb.	.09 - —
5 dms., same basis	lb.	.09½- —
less than 5 dms., same basis,	lb.	.09¾- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	.66 - .68
Petrolatum, amber, dms., c.l.	lb.	.02¾- —
l.c.l.	lb.	.03¾- —
amber, extra, dms.	lb.	.02¾- —
l.c.l.	lb.	.04 - —
veterinary, dms., c.l.	lb.	.02½- —
white, cream, dms., c.l.	lb.	.04¼- —
l.c.l.	lb.	.05¾- —
lily, dms., c.l.	lb.	.05¼- —
l.c.l.	lb.	.06¾- —
snow, dms., c.l.	lb.	.06¼- —
l.c.l.	lb.	.07¾- —

Petroleum, crude, bulk at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .95
Athens	bbl.	.84 - 1.00
Belridge	bbl.	.70 - 1.32
Buena Vista Hills	bbl.	.70 - 1.38
Canal-Greely	bbl.	.91 - 1.69
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.78 - 1.32
Dominguez	bbl.	.79 - 1.00
East Coyote	bbl.	.76 - .96
Elk Hills	bbl.	.70 - 1.39
Elwood Terrace, f.o.b. ship.	bbl.	1.28 - 1.48
El Segundo	bbl.	.80 - 1.21
Huntington Beach	bbl.	.78 - 1.32
Inglewood	bbl.	.79 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbl.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.76 - .96
Lakeview	bbl.	.70 - 1.38
Lost Hills	bbl.	.70 - 1.18
McKittrick	bbl.	.70 - —
Midway-Sunset (except Lakeview)	bbl.	.70 - 1.38
Montebello	bbl.	.77 - 1.42
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.20
Newhall	bbl.	.70 - —
Orcutt	bbl.	.70 - .93
Olinda Brea	bbl.	.76 - 1.27
Playa del Rey, f.o.b. pipe-line	bbl.	.80 - 1.16
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.84 - 1.66
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.42
Santa Maria	bbl.	.63 - .70
Santa Paula	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.19
Signal Hill	bbl.	.80 - 1.21
Torrence	bbl.	.80 - 1.05
Wheeler Ridge	bbl.	.70 - .83
Whittier	bbl.	.76 - .96
Wilmington	bbl.	.76 - 1.31
Canada:—		
Oil Springs	bbl.	1.97 - —
Petrolia	bbl.	1.90 - —
Central West:—		
Illinois	bbl.	1.05 - —
Lima	bbl.	.90 - —
Western Michigan	bbl.	.88 - —
Princeton	bbl.	1.05 - —
East Texas	bbl.	1.10 - —
Gulf Coast:—		
Barber's Hill	bbl.	.79 - 1.16
Batson	bbl.	.74 - 1.04
Dayton	bbl.	.95 - 1.41
Esperson	bbl.	.79 - 1.16
Goose Creek	bbl.	.79 - 1.38
Hull	bbl.	.74 - 1.04
Humble	bbl.	.74 - 1.04
Liberty	bbl.	.79 - 1.16
Markham	bbl.	.90 - 1.29
Orange	bbl.	.79 - 1.16
Pettus	bbl.	1.29 - —
Pierce Junction	bbl.	.95 - 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	.79 - 1.38
Saratoga	bbl.	.74 - 1.04
Sour Lake	bbl.	.74 - 1.04
Spindle Top	bbl.	.74 - 1.04
Sugarland	bbl.	.79 - 1.28
West Columbia	bbl.	.79 - 1.28
Kentucky, Tennessee:—		
Big Sandy river	bbl.	1.12 - —
Kentucky river	bbl.	1.20 - —
Western Kentucky (Owensboro)	bbl.	1.10 - —
Louisiana, Arkansas:—		
Bull Bayou	bbl.	.73 - 1.05
Caddo	bbl.	.98 - 1.00
Cameron Meadows	bbl.	.74 - 1.13
Choctaw	bbl.	.74 - 1.20
Cotton Valley	bbl.	.73 - 1.05
Darrow	bbl.	.74 - 1.20
De Soto	bbl.	.73 - 1.05
El Dorado	bbl.	.73 - 1.05
Haynesville	bbl.	.73 - 1.05
Homer	bbl.	.73 - 1.05
Iowa	bbl.	.74 - 1.13
Lockport	bbl.	.74 - 1.13
Miller County	bbl.	.73 - 1.05
Pine Island	bbl.	.73 - 1.05
Rainbow	bbl.	.73 - 1.05
Rodessa	bbl.	.73 - 1.05
Smackover	bbl.	.73 - —
Tepetate	bbl.	1.03 - —
Urania	bbl.	.89 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—		
Panuco	bbl.	No prices
Tuxpan	bbl.	No prices
Midcontinent:—		
North Texas	bbl.	.51 - 1.10
Oklahoma-Kansas	bbl.	.58 - 1.10
Pennsylvania, Ohio, West Virginia:—		
Bradford-Allegany	bbl.	2.00 - —
Corning	bbl.	1.02 - —
Pennsylvania grade, in Buckeye lines	bbl.	1.55 - —
Eureka lines	bbl.	1.59 - —
N. Y. Transit lines,	bbls.	2.00 - —
S. W. Penn. lines	bbl.	1.65 - —
lower district in National Transit lines	bbl.	1.88 - 1.93

Petroleum, crude, bulk, at wells:—		
Rocky Mountain:—		
Big Muddy	bbl.	.96 - —
Canon City-Florence	bbl.	.90 - —
Cat Creek	bbl.	1.10 - —
Dutton Creek	bbl.	.86 - 1.10
Elk Basin	bbl.	.90 - —
Fort Collins-Wellington,	bbl.	.81 - 1.05
Frannie, light	bbl.	.45 - .53
Grass Creek, light	bbl.	.90 - —
Ilex	bbl.	.92 - .96
Lance Creek	bbl.	.77 - —
Lander	bbl.	.51¼- —
Midway	bbl.	.86 - 1.10
Rock Creek	bbl.	1.00 - —
Salt Creek	bbl.	.86 - 1.10
Sunburst	bbl.	1.20 - —
Torchlight	bbl.	1.30 - —
South, Central and Southwestern Texas:—		
Cass County	bbl.	.73 - 1.05
Cleveland-Liberty	bbl.	1.14 - —
Conroe	bbl.	1.27 - —
Darst Creek	bbl.	.96 - —
Hardin-Liberty	bbl.	1.00 - 1.03
Luling	bbl.	.87 - —
Lytton Springs	bbl.	.99 - —
Mirando, (incl. Duval).	bbl.	.74 - 1.33
Panola County	bbl.	.73 - 1.03
Salt Flat	bbl.	.96 - —
Tomball	bbl.	.95 - 1.41
Van	bbl.	.85 - —
West Beaumont	bbl.	.79 - 1.28
Texas Panhandle:—		
Carson-Hutchinson counties,	bbl.	.67 - 1.01
Gray County	bbl.	.72 - 1.06
West Texas:—		
Artesia, N. M.	bbl.	.61 - .85
Crane	bbl.	.53 - .95
Crockett	bbl.	.53 - .95
Ector	bbl.	.53 - .95
Eddy (N. M.)	bbl.	.77 - —
Howard	bbl.	.53 - .95

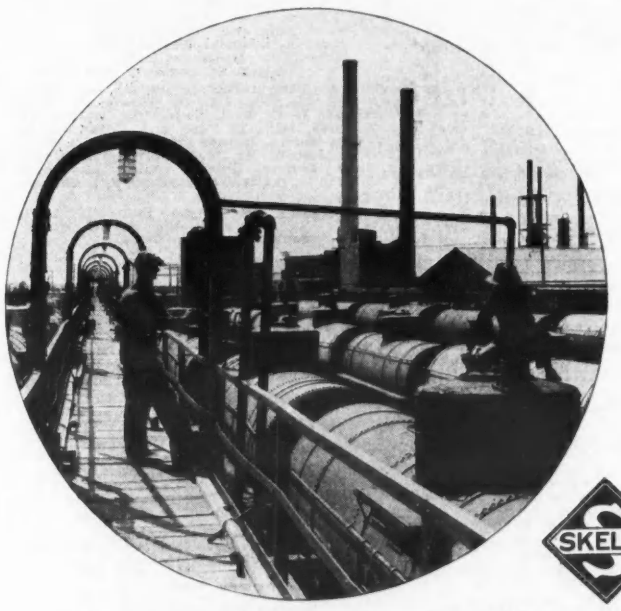
Petroleum, crude, bulk, at wells:—		
West Texas:—		
Jackson, N. M.	bbl.	.61 - .85
Lea, N. M.	bbl.	.53 - .95
Maljamar, N. M.	bbl.	.61 - .85
Mitchell	bbl.	.63 - .96
Pecos	bbl.	.65 - .87
Upton	bbl.	.53 - .95
Winkler	bbl.	.53 - .95
Ether, 30-60° dms., c.l., G. 3.	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
tanks, G.3	gal.	.13 - —
35-60°, dms., l.c.l., G.3	gal.	.30 - —
40-75°, dms., c.l., G.3	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
tanks, G.3	gal.	.13 - —
laboratory grade, dms., c.l., G. 3.	gal.	.14 - —
c.l., G.3	gal.	.25 - —
10-gal. lots, G.3	gal.	.50 - —
Lacquer, diluent, at refinery:—		
California, 100 l.b.p., 200 e.p., tanks, delvd. Los Angeles	gal.	.11 - —
San Francisco	gal.	.11½- —
f.o.b. Richmond	gal.	.11 - —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
East Coast, tanks	gal.	.09 - —
Group 3, tanks	gal.	.07½- .07½
Naphtha, cleaners', at refinery:—		
East Coast, tanks	gal.	.10 - —
Group 3, tanks	gal.	.06¾- .06¼
tankwagon, Boston, ex tax,	gal.	.13 - —
Bridgeport	gal.	.13½- —
Chicago, inc. 4c. tax.	gal.	.17½- —
Decatur, inc. 4c. tax.	gal.	.186 - —
Des Moines, inc. 4c. tax.	gal.	.184 - —
Evansville, inc. ex tax.	gal.	.14½- .15½
Milwaukee, inc. 5c. tax,	gal.	.198 - —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.20 - —
Newark, ex tax	gal.	.10 - —

Perchlorethylene—Pet.

New York, ex tax	gal.	.10 - —
Omaha, ex tax	gal.	.144 - .154
Oklahoma City, ex tax.	gal.	.16 - —
Philadelphia, ex tax	gal.	.11½- —
St. Louis, inc. 1c. tax.	gal.	.15 - —
Syracuse, 150 gals	gal.	.14 - —
smaller lots, galv. drums,	gal.	.10 - —
milk cans	gal.	.21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway	gal.	.16 - —
2, over 90% arom., same basis.	gal.	.18 - —
3, tanks, f.o.b. Paulsboro, N. J.	gal.	.14 - —
30, same basis	gal.	.15 - —
40, same basis	gal.	.14½- —
v.m.&p., at refinery:—		
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo	gal.	.11 - —
Richmond	gal.	.11½- —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
54-57, 190 l.b.p., 310 e.p., tanks, dlvd., Los Angeles	gal.	.10 - —
San Francisco	gal.	.10½- —
Portland, Seattle	gal.	.11 - —
East Coast, tanks	gal.	.09 - —
Group 3, tanks	gal.	.06¾- .06½
tankwagon, Boston, ex tax	gal.	.13 - .14
Chicago, inc. 4c. tax.	gal.	.16½- —
Decatur, inc., 4c. tax.	gal.	.186 - —
Des Moines, inc. 4c. tax.	gal.	.184 - —
Evansville, Ind., ex tax.	gal.	.147 - .157
Milwaukee, inc. 5c. tax.	gal.	.198 - —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.20 - —

Low Evaporation Losses . . .

One of the Most Vital of Skellysolve's 5 Advantages



A scene at the loading rack near one of the plants where Skellysolve is produced. Skellysolve dependability in delivery and source of supply is unsurpassed in the field.

• In developing Skellysolve to fit the exact requirements of the paint, varnish and lacquer industries, we've given particular attention to your five major solvent problems. One was the problem of evaporation loss, important to you because it wasted your money, created a fire hazard and produced a tendency to blush. And we found that through close cutting of fractions we reduced evaporation losses to a minimum, gave Skellysolve a big advantage as a diluent.

• Through that same close cutting we've been able to solve two other problems, to give Skellysolve other advantages you will find equally valuable. *Freedom from greasy residues,* for instance. Drying is complete and rapid, with minimum gum formation. And *close boiling ranges*—some as low as 18°F. from initial to dry flask endpoint—that are constant in storage or formulas, with minimum tendency to fractionate.

• Besides these three advantages resulting from close cutting, Skellysolve offers *constant uniformity* shipment after shipment, saves you the expense and trouble of changing formulas. And *uninterrupted supply,* that assures you of prompt deliveries, protects you against costly delays or actual shutdowns.

• As you know, Skelly pioneered in the development of dependable, uniform, special naphthas. So you'll probably find the exact solvent you need in the wide Skellysolve line. Whatever your requirements, in type and price, we're sure it will pay you to give us a call.

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago, Ill.
A. Ernest MacGee, *Manager*

WRITE, WIRE OR PHONE TODAY FOR INFORMATION OR PRICES

Pet. Naphtha—Senega Root

Petroleum, naphtha, v.m.&p., tankwagon, Newark, ex tax..gal. .11 - —
New York, ex tax.....gal. .10 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .15.2- —
Solvent, rubber, at refinery, East Coast, tanks..gal. .09 - —
Group 2 light, 120 i.b.p., 350 e.p., tanks..gal. .06¾- .06½
standard, 180 i.b.p., 388 e.p., tanks..gal. .06¾- .06½
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .06½- —
Group 3, tanks.....gal. .05¾- .06
tankwagon, Boston, ex tax,. gal. .12½- .13½
Chicago, inc. 4c. tax..gal. .159 - —
Decatur, inc. 4c. tax..gal. .181 - —
Des Moines, inc. 4c. tax.gal. .179.- —
Evansville, Ind.,ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax.....gal. .09 - —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09 - —
Omaha .....gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .13½
St. Louis, inc. 1c. tax..gal. .129 - —
Tulsa, ex tax.....gal. .10 - .11
Thinners, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond .....gal. .14½- —
Seattle, Wash...gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10¾- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo, gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .08½- —
47-49, tanks.....gal. .09½- .10
New Jersey, tanks.....gal. .08¾- —
Group 3, tanks.....gal. .05¾- .06½
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13½
25-99 gals.....gal. .13½- .13½
Boston .....gal. .13 - —
Bound Brook, North Amboy, N. J..gal. .11½- .12½
Bridgeport, Conn.....gal. .11 - —
Buffalo .....gal. .15 - —
Camden, N. J.....gal. .10 - .12
Chicago .....gal. .162 - —
Decatur, Ill.....gal. .176 - —
Des Moines.....gal. .174 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .188 - —
Minneapolis-St. Paul...gal. .19 - —
Newark .....gal. .09 - —
New York (200 gals.)..gal. .09 - —
Omaha .....gal. .131 - .141
Philadelphia .....gal. .10 - .12
Pittsburgh .....gal. .11½- .13½
Providence .....gal. .11½- —
Rochester .....gal. .12 - —
St. Louis.....gal. .142 - —
Syracuse .....gal. .12½- —
Trenton .....gal. .10 - —
Wilmington, Del.....gal. .10 - .12
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15½- .16½
under 1,000 lbs.....lb. .16½- .17¼
tanks, works.....lb. .13½- —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots..lb. .80 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms. .....lb. .87 - —
50-lb. kgs. .....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 3.50
Dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns....lb. 2.45 - 2.50
Phenyl ethyl acetate, cns....lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works..lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines, long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
Oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works, lb. .11 - .12
l.c.l., dms., wks.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., tons.....lb. .35 - —
single bbls.....lb. .40 - —
kgs. .....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .35 - .36
Pilocarpine hydrochloride, bots., vis..oz. 2.40 - 2.50
Nitrate, bots., vis.....oz. 2.00 - 3.00
Pimento, bgs.....lb. .15 - .15½
Pinkroot, bls.....lb. .33 - .34
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
hardwood, 1-time, dms., c.l., dlvd. Akron..ton. 23.75 -24.00
Pitch, linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, southern, bls...lb. .14 - .16
western, bls.....lb. .10½- .11
Podophyllin, dms., dlvd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls. .....lb. .07 - .07½
Pomegranate bark, bgs.....lb. .16 - .17
Root bark, bgs.....lb. .25 - .29
Poppy flowers, red, bls.....lb. 1.05 - 1.10
Seed, Dutch, bgs.....lb. .08½- .08½
Polish, bgs.....lb. .07¾- .08¼
Potash abietate.....lb. .06 - —
Acetate, tech., bbls., dlvd..lb. .26 - —
kgs., dlvd. .....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs. .....lb. .30 - —
cns., 25 lbs. .....lb. .32 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs. .....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs. .....lb. .17 - —
Bichromate, spot, c.l., works.lb. .06¾- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06¼- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 85-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, dlvd.....lb. .02871½- —
USP, gran., bbls., 325 lbs..lb. .13½- —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import, dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03½- .03¼
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, dms.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¾- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08¾- .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½ —
Cyanide, cns., dms.....lb. .50 - .55
Cyanide, gold, 41% gold, bots., works..oz. 14.20 -15.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guaiacolsulphonate, fib., dms. 100 lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots, or cns.....lb. 1.22 - 1.45
dms. .....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.i.f., ports..ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports.....unit-ton. .58½- —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½- —
Metabisulphite, kgs. .....lb. .11 - .12½
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .58½- —
Import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .58½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls. .....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton. 55.00 Nom.
Perchlorate, kgs., works.....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .30½- .34
Yellow, bbls. .....lb. .14 - .15
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton. 38.00 - —
l.c.l. .....lb. .13½- —
Xanthate, dms., c.l. .....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., ships, ton. 25.75 - —
Potash-titanium oxalate, kgs...lb. .35 - .40
Prickly ash bark, bls.....lb. .10 - .15
Berries, bgs. .....lb. No stocks
Prince's pine herb, bls.....lb. .16 - .17
Propane, tanks, G.S.....gal. .08 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .02 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03¼- —
less than 3, works..lb. .04 - —
0, O-½, O-¾, and ⅞, bbls., less than 3, works..lb. .04½- —
3 or over, works...lb. .04 - —
Ital-grd., bgs., c.l. shipt. ex dock, N.Y..ton. 32.65 Nom.
l.c.l., 5-29 tons, ex whse., ton. 37.70 - —
1,000-10,000 lbs., ex whse..ton. 38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton. 40.70 - —
single bgs., ex whse.ton. 45.70 - —
Pumpkin seed, bgs.....lb. .09 - .10
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 4.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms.....100 lbs. 5.00 - —
standard, dms.....100 lbs. 5.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 6.25 - 6.35
basis (30 to 1) 2.6% pyrethrin, 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 9.20 - 9.35
Pyrethrum, flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .29 - .29½
fine powd. Japan, bbls., ton lots frt. alld..lb. .30 - .31
Pyridin, denaturing, dms. ..gal. 1.62 - —
refd., 2°, dms. .....lb. .90 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst, works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.00 - —
325 mesh, same basis.....ton. 12.00 - —
No. 3, 200 mesh, c.l. mines. ton. 7.50 - —
325 mesh, same basis.....ton. 10.50 - —
Pyroxlin, scrap, amber, cs., works..lb. .12 - —
black, cs., works..... .lb. .10 - —
China white, ivory, cs., works, lb. .12 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .09 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works.....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
shell-demi, transparent, cs., works..lb. .20 - —
colors, cs., works.....lb. .13 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan, bbls., works..lb. .03¾- —
tanks, works.....lb. .02¾- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., .cl., same basis..lb. .04¼- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .08 - .09
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08½
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks, (76 lbs. net, dlvd., N. Y.flasks. 95.00 -97.50
European, flasks, (76 lbs. net) in bond..flask. 81.00 - —
Quince seed, bgs.....lb. .70 1.10
Quinidine, cryst., small, cns...oz. .90 - —
large, cns.....oz. .98 - —
powd., precip., cns.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .90 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns.....oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 - —
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns.....oz. .99 - —
Hypophosphite, cns. .....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, USP, X, cns.....oz. .54 - —
USP, XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .83 - —
Quinine-urea hydrochloride, cns.oz. .75 - —

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms. .....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .0585- .0605
Dutch, black, bgs.....lb. .0660- .0680
red, bgs.....lb. .07 - .07½
Japanese, bgs.....lb. .05½- .06
Raspberries, dried, bls.....lb. .28 - .30
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¾c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .60 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots.....lb. 4.00 - —
100-lb. lots .....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .06¾- —
80%-95%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.80 - —
Red, lithol toner, bbls., same basis, alizarin lake, contrs..lb. .62 - —
open order.....lb. .67 - —
Rose lake, bbls.....lb. .30 - .90
Pink, bbls.....lb. .15 - .20
lithol-rubine toner, bbls., same basis alizarin lake to. 1.25 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide)
Mercury oxide, tech., dom., bbls. lb. 1.56 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works.lb. .08¼- —
l.c.l., works .....lb. .09¼- —
shell, dom., cs., works.....lb. .12 - —
reduced, 65% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .06¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order .....lb. .80 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04¼- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.00 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .08 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N. Y..lb. .03¾- .0390
Toluidine toner, kgs., same basis alizarin lake..lb. 1.20 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake.....lb. .15 - —
quicksilver, bbls., 500 lbs.lb. 1.57 - 1.58
smaller lots .....lb. 1.61 - 1.69
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.81 - —
Red saunders wood, ground, bbls., lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 5.55 -10.90
Rhubarb root, cs.....lb. .48 - .49
powd., bbls., kgs.....lb. .52 - .53
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .18¾- —
smaller lots.....lb. .19¾- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .17¾- —
smaller lots.....lb. .18¼- —
Rose flowers, pale, bls.....lb. .40 - .45
red, bls. .....lb. 2.20 - 2.25
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock, 280 lbs. 4.55 - —
D, bbls.....280 lbs. 4.85 - —
E, bbls.....280 lbs. 5.05 - —
F, bbls.....280 lbs. 5.37½- —
G, bbls.....280 lbs. 6.00 - —
H, bbls.....280 lbs. 6.15 - —
I, bbls.....280 lbs. 6.15 - —
K, bbls.....280 lbs. 6.15 - —
M, bbls.....280 lbs. 6.30 - —
N, bbls.....280 lbs. 6.55 - —
W. G., bbls.....280 lbs. 7.10 - —
W. W., bbls.....280 lbs. 7.65 - —
X, bbls.....280 lbs. 7.65 - —
Rosin, wood, bbls.....280 lbs. 4.00 - 5.45
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton. 25.50 - —
l.c.l., f.o.b. mines.....ton. 37.50 - —
import, lump, bbls.....lb. .14 - —
powd., bbls.....lb. .08¼- .10
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .18 - .19
Saccharin, dms., 100 lbs.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.45 - 1.50
Safflower, bls. .....lb. .22 - .23
Saffron, Mexican, bls.....lb. .25 - .26
Spanish, tins.....lb. 32.00 -33.00
Safrol, cns. .....lb. .52 - .53
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless....lb. .05¾- .06
garden, bls. .....lb. .06¼- .06½
Sago flour, bgs.....lb. .02½- .05¾
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs. .....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton. 13.20 -13.80
l.c.l., bgs., dlvd., N.Y..ton. 15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton. 14.00 - —
l.c.l., dlvd., N. Y.....ton. 15.00 -19.70
Saltcake, grd., dom., bbls., works, ton. 19.00 -25.00
bulk, works .....ton. 15.00 - —
import, bulk, c.i.f.....ton. 15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons .....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons.100 lbs. 6.50 - —
1-9 tons .....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....kilo. 40.00 -42.00
resale, cns.....lb. 19.00 -21.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots, 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .37 - .39
Mexican, bls.....lb. .15 - .16
Sassafras, bark, ord., bls.....lb. .12 - .13
select, bls. .....lb. .18 - .20
Savory, bbls. .....lb. .07½- .07¾
Saw palmetto berries, bgs.....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bxs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .15¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots.....lb. .15¾- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, bls.....lb. .68 - .70

Senna leaves, Alexandria, bls.	lb.	.10	- .14
siftings, bls.	lb.	.09	- .09½
Tinnevelly, No. 1, bls.	lb.	.11	- .12
2 bls.	lb.	.08½	- .09
3 bls.	lb.	.05	- .05½
powd., bbls., bxs.	lb.	.09	- .10
Pods, bls.	lb.	.05½	- .06
Serpentaria root, bls.	lb.	.68	- .70
Shellac, bleached, bonedry, bbls., f.o.b., N.Y.	lb.	.18	- .19
dlvd. Boston	lb.	.18½	- .19½
Chicago	lb.	.18¾	- .19¾
Pacific Coast	lb.	.21	- .22
bonedry, refd., bbls., f.o.b., N.Y.	lb.	.25	- —
dlvd. Boston	lb.	.25½	- —
Chicago	lb.	.25¾	- —
Pacific Coast	lb.	.28	- —
Garnet, bgs.	lb.	.12½	- .18
Orange, D.C., VSO., Diamond I, cases.	lb.	.19	- .20
Superfine, bgs., f.o.b. Bost., N. Y.	lb.	.10½	- .11
dlvd., Chicago	lb.	.11	- .11½
Pacific Coast	lb.	.13½	- .14
T.N., bgs., f.o.b. Bost., N.Y.	lb.	.10	- .10½
dlvd. Chicago	lb.	.10½	- .11
Pacific Coast	lb.	.13	- .13½
Shellac varnish, orange, 5-lb. cut, bbls.	gal.	.90	- .95
4½-lb. cut, bbls.	gal.	.85	- .90
4-lb. cut, bbls.	gal.	.80	- .85
white, 5-lb. cut, bbls.	gal.	1.00	- 1.10
4½-lb. cut, bbls.	gal.	.95	- 1.05
4-lb. cut, bbls.	gal.	.90	- 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.	ton.	17.00	- —
l.c.l., 2½ tons, works.	ton.	19.00	- —
smaller lots, works.	ton.	20.00	- —
Silica, amorph., wet-grd., 95-97%, 325 mesh., bgs., c.l., works.	ton.	19.00	- —
l.c.l., 2½ tons, work.	ton.	19.50	- —
smaller lots, works.	ton.	21.00	- —
400 mesh, bgs., c.l., works,	ton.	35.00	- —
l.c.l., 2½ tons, works.	ton.	36.50	- —
smaller lots, works.	ton.	38.00	- —
wet-grd., 96-98%, 325 mesh, bgs., c.l., works.	ton.	20.00	- —
l.c.l., 2½ tons, works.	ton.	21.50	- —
smaller lots, works.	ton.	23.00	- —
99%, 325 mesh bgs., c.l., works.	ton.	22.00	- —
l.c.l., 2½ tons, works.	ton.	23.50	- —
smaller lots.	ton.	27.00	- —
hard-quartz, 140 mesh, bgs., c.l., works.	ton.	11.00	- —
l.c.l., works.	ton.	16.00	- —
Silver bullion	oz.	.42¾	- —
Govt. purchase	oz.	.6464	- —
Cyanide, cns., 1,000 ozs.	oz.	.39½	- —
500-999 ozs.	oz.	.39¾	- —
80-499 ozs.	oz.	.39¾	- —
16-79 ozs.	oz.	.42¼	- —
Nitrate, vls.	oz.	.31½	- .33½
Nucleinate, bots., cns., 480 oz., lots.	oz.	.30	- .31
Proteinate, bots., cns., 480 oz., lots.	oz.	.29	- .30
Simarubra bark, bls.	lb.	.26	- .28
Skatol, bots.	lb.	75.00	-80.00
Skullcap, Eastern, bls.	lb.	.16	- .17
Western, bls.	lb.	.14	- .17
Skunk cabbage root, bls.	lb.	.11	- .12
Slate flour, bgs., c.l., works.	ton.	9.00	- —
l.c.l., works	ton.	10.00	-15.00
Sloe berries, bgs.	lb.	.10	- .11
Smalt, black, extra velvet, cnts.,	lb.	.05	- .06
Blue, cts.	lb.	.07	- .08¼
Snakeroot, Canada, bls.	lb.	.24	- .26
Soapbark, bls.	lb.	.10½	- .12
crushed, bls., bbls.	lb.	.11	- .12
cut, bls., bbls.	lb.	.13	- .14
powd., bbls.	lb.	.15	- .16
Soda, acetate, anhyd., dms., dlvd.	lb.	.08¼	- .10
flake, gran., powd., 60%, dms., c.l., dlvd.	lb.	.04	- —
l.c.l., dlvd.	lb.	.04½	- .05
powd., 90%, dms., c.l., dlvd.,	lb.	.06	- —
l.c.l., dlvd.	lb.	.06¾	- —
Alginate, dms., bbls., works.	lb.	.71	- .96
Antimoniate, bbls.	lb.	.11½	- .12
Arsenate, dms., dealers, c.l., works.	lb.	.08	- —
l.c.l., dms., works.	lb.	.08½	- —
Arsenite, dry, gray, dms., c.l., dealers' works.	lb.	.07½	- .09½
l.c.l., dms., works.	lb.	.08	- .10
white, dms., c.l., dealers' works.	lb.	.09	- .11
l.c.l., dms., works.	lb.	.09½	- .11½

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.10	- —
l.c.l., Zone 1	100 lbs.	2.13	- —
2	100 lbs.	2.28	- —
3	100 lbs.	2.33	- —
4	100 lbs.	2.93	- —
bbls., c.l., works.	100 lbs.	1.35	- —
58%, l.c.l., Zone 1.	100 lbs.	2.35	- —
2	100 lbs.	2.50	- —
3	100 lbs.	2.75	- —
4	100 lbs.	3.15	- —
bulk, c.l., works.	100 lbs.	.95	- —

Senna Leaves—Soda Fluoride

Soda, ash, extra light, 58%, bgs., c.l.	100 lbs.	1.08	- —
l.c.l., Zone 1	100 lbs.	2.08	- —
2	100 lbs.	2.23	- —
3	100 lbs.	2.48	- —
4	100 lbs.	2.88	- —
bbls., c.l., Zone 1.	100 lbs.	1.45	- —
2	100 lbs.	2.60	- —
3	100 lbs.	2.90	- —
4	100 lbs.	3.25	- —
l.c.l., Zone 1	100 lbs.	2.45	- —
bulk, c.l.	100 lbs.	.90	- —
light, 58%, bgs., c.l., works.	100 lbs.	1.03	- 1.08
l.c.l., Zone 1	100 lbs.	2.08	- —
2	100 lbs.	2.23	- —
3	100 lbs.	2.48	- —
	100 lbs.	2.88	- —
bbls., c.l., works.	100 lbs.	1.35	- —
l.c.l., Zone 1	100 lbs.	2.35	- —
2	100 lbs.	2.50	- —
3	100 lbs.	2.75	- —
4	100 lbs.	3.15	- —
bulk, c.l.	100 lbs.	.90	- —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S. C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N. D., Okla., S. D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N. M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

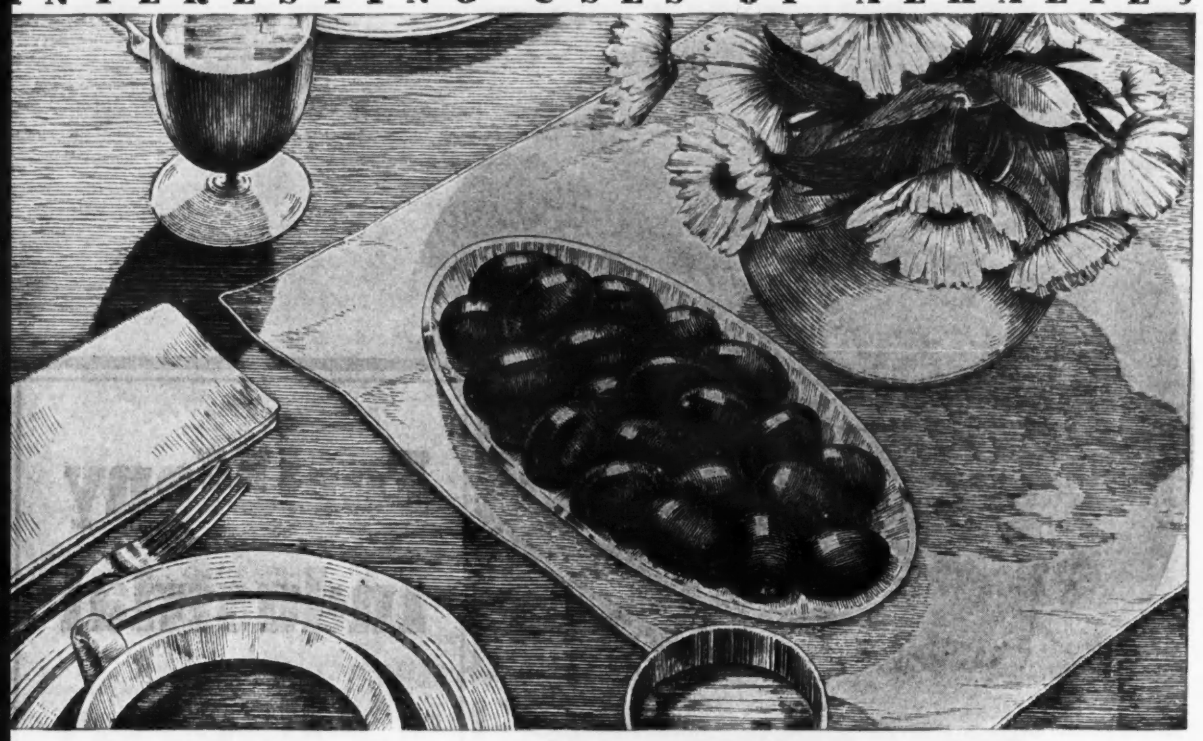
Benzoate, tech., bbls., 4,000 lbs. or more.	lb.	.39	- —
1,000 to 3,900 lbs.	lb.	.40	- —
900 lbs. or less.	lb.	.43	- —
USP, bbls., 4,000 or more.	lb.	.46	- —
1,000 to 3,900 lbs.	lb.	.47	- —
900 lbs. or less.	lb.	.50	- —
dms., 4,000 lbs., or more,	lb.	.47	- .48
1,000 to 3,900 lbs.	lb.	.48	- .49
900 lbs, or less.	lb.	.51	- .52
Bicarbonate, USP, gran., bbls., c.l., works.	100 lbs.	2.25	- —
powd., bbls., c.l., works,	100 lbs.	1.85	- —
l.c.l., dlvd. N. Y.	100 lbs.	2.51	- —
kgs., c.l.	100 lbs.	2.10	- —
l.c.l., dlvd. N Y.	100 lbs.	2.76	- —
tech., bbls., c.l., wks.	100 lbs.	1.70	- —
l.c.l.	100 lbs.	2.05	- —
bgs., c.l.	100 lbs.	1.55	- 1.60
l.c.l.	100 lbs.	1.90	- 1.95
Bichromate, spot, c.l., works.	lb.	.06½	- —
l.c.l., 6 cks. or 10 bbls. or over, works.	lb.	.07	- —
5 cks. or 9 bbls. or less, works.	lb.	.07¼	- —
Bifluoride, bbls.	lb.	.11¼	- .12
Bisulphite, powd., bbls., c.l., bbls., wks.	100 lbs.	3.30	- 3.55
l.c.l., works.	100 lbs.	3.50	- 3.60
solution, 32 deg., bbls., c.l., works.	100 lbs.	1.30	- —
l.c.l., bbls., works.	100 lbs.	1.55	- —
33 deg., bbls., c.l., works,	100 lbs.	1.35	- —
l.c.l., bbls., works.	100 lbs.	1.60	- —
35 degs., bbls., c.l., works,	100 lbs.	1.40	- —
l.c.l., bbls., works.	100 lb.	1.65	- —
40 deg., bbls., works.	100 lbs.	1.55	- —
l.c.l., bbls., works.	100 lbs.	1.80	- —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.31	- —
fiber dms., 100 lbs.	lb.	.32	- —
Cacodylate bots., 5 lbs.	lb.	5.81	- —
jars 25 lbs.	lb.	5.50	- —
Carbonate (see Soda ash, soda memohydrated, soda sal)			
Caustic, flake, 76%, powd., ammon. process, bbls., c.l., works.	100 lbs.	2.95	- —
dms., c.l., works.	100 lbs.	2.70	- —
l.c.l., Zone 1	100 lbs.	3.55	- 4.90
2	100 lbs.	3.70	- 5.05
3	100 lbs.	3.95	- 5.30
4	100 lbs.	4.35	- 5.70
electro process, dms., c.l., works.	100 lbs.	2.70	- —
l.c.l. same zone prices as ammonia process.			
liquid, 47-49% buyer's tanks, works.	100 lbs.	1.92½	- —
seller's tanks, works,	100 lbs.	1.95	- —
70%, buyer's tanks, works,	100 lbs.	1.97½	- —
seller's tanks, works,	100 lbs.	2.00	- —
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.30	- —
l.c.l., Zone 1	100 lbs.	3.15	- —
2	100 lbs.	3.30	- —
3	100 lbs.	3.55	- —
electro process, dms., c.l., works.	100 lbs.	2.30	- —
l.c.l., same zone prices as ammon process.			

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs c.l., works.	lb.	.06¼	- —
l.c.l., works.	lb.	.06½	- —
powd., bgs., c.l., works.	lb.	.06½	- —
l.c.l., works.	lb.	.07	- .08¼
Citrate, U.S.P., VIII, gran. bbls., 225-lb. lots.	lb.	.18½	- —
cns., 50-lb. lots.	lb.	.20½	- —
25-lb. lots.	lb.	.22½	- .23½
kgs., 100-lb. lots.	lb.	.19½	- —
USP XI, gran., bbls., 250-lb. lots.	lb.	.24	- —
boxes, 50-lb. lots.	lb.	.26	- —
cns., 25-lb. lots.	lb.	.28	- .29
kgs., 100-lb. lots.	lb.	.25	- —
powd., bbls., 250-lb. lots.	lb.	.24½	- —
boxes, 50-lb. lots.	lb.	.26½	- —
cns., 25-lb. lots.	lb.	.29½	- —
kgs., 100-lbs. lots.	lb.	.25½	- —
Cyanide, 96-98%, dom., dms.	lb.	.14	- .15
import, 90%, cs.	lb.	.12¾	- .13¾
Cyanide, gold, 40% gold, bots., works.	oz.	15.85	-17.10
Diacetate, 33-35% acidity, bbls., dlvd.	lb.	.09	- —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila.	lb.	.07¼	- —
l.c.l., 10 or over, same basis.	lb.	.07¾	- —
5-9, same basis.	lb.	.08¼	- —
1-4, same basis.	lb.	.08¾	- —
95%, bbls., c.l., same basis,	lb.	.07¼	- —
l.c.l., 10 or over, same basis.	lb.	.08	- —
5-9, same basis.	lb.	.08½	- —
1-4, same basis.	lb.	.08¾	- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

INTERESTING USES OF ALKALIES



To Make Ripe Olives Edible

The extreme bitterness of freshly picked olives is scientifically removed by a curing process which includes several baths in solutions of caustic soda. First, the olives are graded for size, then soaked in brine for three weeks to harden the fruit tissue and develop flavor. Then comes the first alkali bath, which for the Mission and Manzanillo varieties of ripe olives consists of a solution of 1¼ to 1¾ ounces of granular 76% Caustic Soda per gallon of water. The Caustic is then leached out and the fruit darkened by oxidation. Usually, three or four subsequent baths in weaker caustic solutions follow. The first solution is allowed to penetrate the skin only, but the final one reaches near to the pit. These Caustic Soda treatments, not only remove the bitterness but they also intensify the color.

Anyone could live without olives, if necessary, but many of our large industries could not exist without Caustic Soda. Columbia is prepared to meet the most exacting specifications of Caustic Soda users whether flake, ground, solid, or liquid is required. A recent development is Columbia 73% Liquid Caustic Soda shipped in insulated tank cars protected on the inside by a patented coating which prevents contamination by heavy metals during shipment. Columbia welcomes the opportunity of discussing your Caustic Soda problems.

Columbia Soda Ash used by the glass, soap, and chemical industries; Liquid Chlorine by the pulp and paper industry, in water purification, sewage disposal, and general bleaching operations; Sodium Bicarbonate for the baking and cracker making industry, prepared flour and baking powder manufactures; Calcium Chloride for dust and ice control, concrete curing, and refrigeration brines enjoy the reputation of being second to none.

Correspondence is invited regarding your individual requirements or about the applications, grades, and packings of Columbia products.

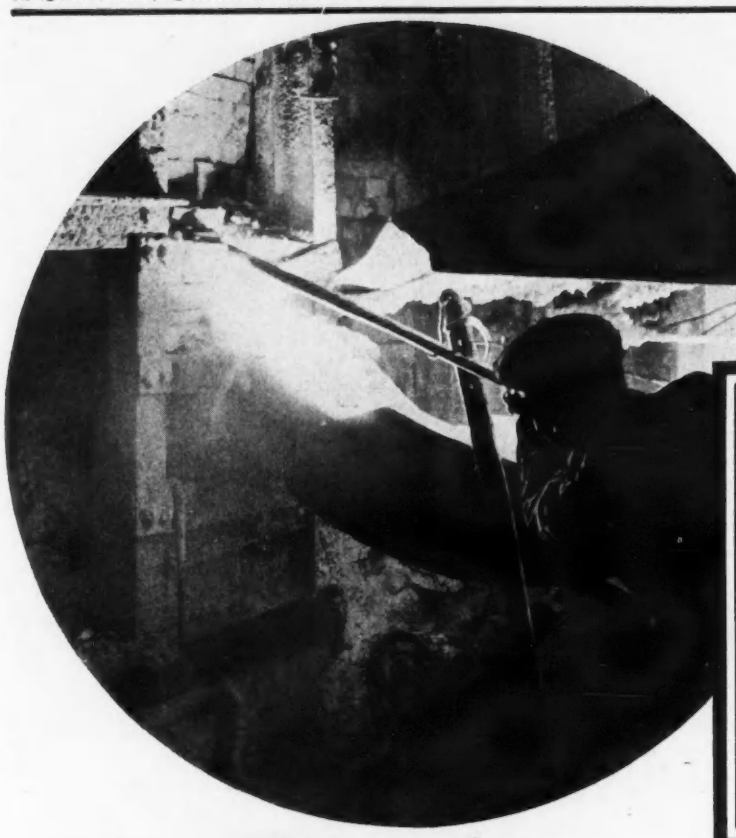
COLUMBIA

SODA ASH • CAUSTIC SODA • SODIUM BICARBONATE • • •
MODIFIED SODAS • LIQUID CHLORINE • CALCIUM CHLORIDE

THE COLUMBIA ALKALI CORPORATION
BARBERTON, OHIO
NEW YORK • CHICAGO • BOSTON • ST. LOUIS • PITTSBURGH • CINCINNATI • CLEVELAND • MINNEAPOLIS • PHILADELPHIA

Soda Glycero.—Sulphur

Soda, glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots	lb.	1.00	—
smaller lots	lb.	1.15	—
cns., 25 lbs.	lb.	1.40	—
powd., bbls., 1,000-lb. lots	lb.	1.05	—
smaller lots	lb.	1.20	—
cns., 25 lbs.	lb.	1.45	—
Hydrosulphite, bbls.	lb.	.16	- .17
Hydroxide, USP., sticks, cns., 100-lb. lots	lb.	.20½	- .22
Hypophosphite, N.F., cns., 100-lb. lots	lb.	.67	—
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.	100 lbs.	2.25	—
bbls., same basis	100 lbs.	2.45	—
l.c.l., bgs., wks., frt. equal'd.	100 lbs.	2.50	—
bbls., same basis	100 lbs.	2.70	—
	100 lbs.	2.40	- 2.65
pea bgs., c.l., works	100 lbs.	2.60	—
works	100 lbs.	2.60	—
bbls., works	100 lbs.	2.80	—
dms., works	100 lbs.	3.10	—
5,000 lbs. and over, bgs., works	100 lbs.	2.75	- 3.00
bbls., wks.	100 lbs.	2.95	- 3.20
dms., wks.	100 lbs.	3.25	- 3.60
2,500 to 5,000 lbs., bgs., wks.	100 lbs.	2.85	- 3.10
bbls., wks.	100 lbs.	3.05	- 3.30
dms., wks.	100 lbs.	3.35	- 3.60
500 to 2,500 lbs., bgs., wks.	100 lbs.	3.10	- 3.35
bbls., wks.	100 lbs.	3.30	- 3.55
dms., wks.	100 lbs.	3.60	- 3.85
less than 500 lbs., bgs., wks.	100 lbs.	3.70	- 3.95
bbls., wks.	100 lbs.	3.90	- 4.15
dms., wks.	100 lbs.	4.20	- 4.45
Iodate, jars	lb.	5.02	- 5.07
Iodide, jars	lb.	2.10	—
bots	lb.	2.21	- 2.47
Mandelate, bots., 5 lbs.	lb.	3.30	—
fib. dms., 100-lb. lots	lb.	3.05	—
smaller lots	lb.	3.15	- 3.20
Metanilate, kgs.	lb.	.41	Nom.
Metasilicate, ground, dms., c.l., works	100 lbs.	3.15	—
l.c.l., works	100 lbs.	3.40	—
cryst., dms., c.l.	100 lbs.	2.90	—
gran., bbls., c.l., wks.	100 lbs.	2.20	—
Molybdate, kgs., wks.	lb.	.60	—
less kgs.	lb.	.65	—
Monohydrated, bbls.	100 lbs.	2.60	—
works	100 lbs.	2.30	—
Naphthionate, bbls.	lb.	.50	—
Nitrate, crude, c.l., 100-lb. bgs., April-June delivery, f.o.b. cars producing point or ports, rail or boat shipment	ton.	29.00	—
200-lb. bgs., same basis	ton.	28.30	—
bulk, same basis	ton.	27.00	—
rfd., gran., bbls., 10 tons.	100 lbs.	2.50	—
1-9 tons	100 lbs.	2.65	—
smaller lots	100 lbs.	2.90	—
pwd., bbls., ton lots	100 lbs.	5.65	—
smaller lots	100 lbs.	5.90	—
Nitrite, 96-98%, dom., bbls., c.l., wks. frt. equalized,	lb.	.06¾	—
c.l., West Coast, f.o.b. ports	lb.	.08	—
l.c.l.	lb.	.08¼	- .11¼
Soda nitrite l.c.l price range represents delivery at various points.			
Oxalate, neut., bbls.	lb.	.09	—
kgs.	lb.	.10	- .11
Perborate, N.F., bbls., c.l., works	lb.	.14¾	—
l.c.l., works	lb.	.15¼	—
Phosphate, dibasic, anhyd., bgs., c.l., works	100 lbs.	4.53	—
l.c.l., works	100 lbs.	5.51	—
bbls., c.l., works	100 lbs.	4.73	—
l.c.l., works	100 lbs.	5.71	—
cryst., tech., bgs., c.l., works,	100 lbs.	1.85	—
l.c.l., works	100 lbs.	2.25	—
bbls., c.l., works	100 lbs.	2.05	—
l.c.l., works	100 lbs.	2.45	—
monobasic, anhyd., bgs., c.l., works	100 lbs.	7.25	—
l.c.l., works	100 lbs.	8.00	—
bbls., c.l., works	100 lbs.	7.45	—
l.c.l., works	100 lbs.	8.20	—
tribasic, bgs., c.l., works	100 lbs.	2.00	—
l.c.l., works	100 lbs.	2.40	—
bbls., c.l., works	100 lbs.	2.20	—
l.c.l., works	100 lbs.	2.60	—
kgs., c.l., works	100 lbs.	2.70	—
l.c.l., works	100 lbs.	3.10	—
USP (dibasic), bbls., works,	lb.	.09	- .11
dried, bbls., dms., works.	lb.	.11¼	- .14
Picramate, kgs.	lb.	.65	—
Prussiate, yellow, bbls., 10,000 lbs. or more	lb.	.09½	—
contracts	lb.	.09	—
smaller lots	lb.	.09¾	—
contracts	lb.	.09¼	—
Pyrophosphate, anhy., bgs., c.l., wks., frt. equal'd.	100 lbs.	5.10	—
l.c.l., same basis	100 lbs.	5.35	- 5.60
bbls., c.l., wks., frt. equalized	100 lbs.	5.30	—
l.c.l., same basis	100 lbs.	5.55	- 5.80
Ricinoleate, tech., bbls.	lb.	.12	—
Sal, bgs., dlvd., N. Y.	100 lbs.	1.20	—
works	100 lbs.	1.00	—
bbls., dlvd. N. Y.	100 lbs.	1.30	—
works	100 lbs.	1.10	—
Salicylate, bxs.	lb.	.52	—
Sesquisilicate, dms., c.l., works,	100 lbs.	3.00	—
20 dms., and up, dlvd. N.Y.C.	100 lbs.	3.65	—
5-19 dms	100 lbs.	4.10	—
1-4 dms.	100 lbs.	4.30	—
Silicate, 40° turbid., dms., c.l., works	100 lbs.	.80	—
l.c.l., 5 or more, works,	100 lbs.	1.05	—
1-4, works	100 lbs.	1.20	—
52°, dms., c.l., works	100 lbs.	1.40	—
l.c.l., 5 or more, works,	100 lbs.	1.65	—
1-4, works	100 lbs.	1.80	—
Silicofluoride, dom., bbls.	lb.	.04½	- .04¾
import, bbls.	lb.	.03½	- .04
Stannate, dms.	lb.	.32	- .35
Stearate, lump, powd., bbls., works	lb.	.19	- .24
Sulphate, anhyd., bgs., bbls., c.l., works	100 lbs.	1.45	- 1.65
5 tons or over, works,	100 lbs.	1.70	- 1.90
less than 5 tons, works,	100 lbs.	1.95	- 2.15
cryst. (see Glauber's salt).			
Sulphide, cryst., bbls., c.l., works	100 lbs.	2.25	—
l.c.l., 5 tons or over, dlvd.,	100 lbs.	2.75	—
less than 5 tons, dlvd.,	100 lbs.	3.00	—
solid, bbls., c.l., works.	100 lbs.	3.00	—
Soda sulphide, solid, bbls., l.c.l., 5 tons or over, dlvd.,	100 lbs.	3.50	—
less than 5 tons, dlvd.,	100 lbs.	3.75	—
Sulphite, cryst., bgs., 100 lbs., works	lb.	2.10	- 2.35
bbls.	100 lbs.	2.30	- 2.55
powd., bbls., c.l.	100 lbs.	5.25	—
l.c.l., 5 or more	100 lbs.	5.50	—
1-4	100 lbs.	6.00	—
Sulphocarbolate, cs.	lb.	.27	- .28
Sulphocyanide, dms., cns.	lb.	.28	- .47
Sulphoricinoleate, bbls.	lb.	.12	—
Thiosulphate (see hyposulphite).			
Tungstate, CP, kgs.	lb.	1.75	- 1.85
tech., kgs.	lb.	1.05	- 1.10
Solvent, high-flash, dms., works, frt., equald.	gal.	.31	—
tanks, same basis	gal.	.26	—
naphtha, solvent, dms., works,	gal.	.31	—
tanks, E. of Omaha, frt., alld.	gal.	.28	—
W. coast, f.o.b., Minnequa, Colo.	gal.	.26	—
Sorbitol, com'l, solut., dms., c.l., works	lb.	.15½	—
l.c.l.	lb.	.16	—
Sparteine sulphate, cns.	oz.	1.00	- 1.05
Spearmint leaves, bls.	lb.	.17½	- .18
Spikenard root, bls.	lb.	.11	- .12
Spruce extract, reg., bbls., c.l., works	lb.	.01¾	—
tanks, works	lb.	.01½	—
powd., super, bgs, c.l., works,	lb.	.04	—
super, bbls., c.l., works	lb.	.01¾	—
tanks, works	lb.	.01⅝	—
Squawvine leaves, bls.	lb.	.11	- .12
Squill, red, bls.	lb.	.14	- .15
white, bls.	lb.	.06½	- .07
powd., bbls., bxs.	lb.	.13	—
St. Ignatius beans, bgs.	lb.	.40	- .42
St. John's bread, edible, bls.,	lb.	.07	- .07½
inedible, bls.	lb.	.05	- .06
Starch, corn, pearl, bgs., f.o.b. Chicago	100 lbs.	2.55	- 2.85
dlvd., N. Y.	100 lbs.	2.90	- 3.10
powd., bgs., f.o.b. Chicago,	100 lbs.	2.65	- 2.85
dlvd., N. Y.	100 lbs.	3.00	- 3.20
Potato, dom., bgs.	lb.	.04	- .05
import, bgs.	lb.	.05	- .06
Rice, bbls.	lb.	.06½	- .07¼
Wheat, thick boil, bgs.	lb.	.05	Nom.
Staveacre seed, bgs.	lb.	.15	- .16
Stearin, oleo, bbls.	lb.	.05¾	- .06
Stillingia root, bls.	lb.	.07½	- .08
Stoneroot, bls.	lb.	.07½	- .08
Storax, cs.	lb.	.48	- .49
Stramonium leaves, bls.	lb.	.13	- .14
Seed, bgs.	lb.	.09	- .10
Strontium bromide, fib, dms.	lb.	.57	- .58
kgs., 150 lbs.	lb.	.55	—
Carbonate, N.F., IV, 250-lb. bbls.	lb.	.30	—
25-lb. bxs.	lb.	.35	—
100-lb. kgs.	lb.	.32	—
tech., 99-100 pc., precip., bbls.,	lb.	.16½	- .17½
Chloride, bbls.	lb.	.11	- .12½
Iodide, bots., 5 lbs.	lb.	2.90	—
jars, 25 lbs.	lb.	2.85	—
Nitrate, dom., bbls., c.l., works,	lb.	.07¾	—
25 bbls. and over	lb.	.08¼	—
1-24 bbls. and over	lb.	.08¾	—
Strophanthus seed, Kombe, bgs.	lb.	1.05	- 1.10
Styralyl acetate, bots.	lb.	6.75	- 7.00
Strychnine, cryst., cns., 100-oz. lots	oz.	.50	—
powd., cns., 100-oz. lots	oz.	.40	—
Acetate, 25-oz. cns., 100-oz. lots	oz.	.66	—
Strychnine, arsenate, 25-oz., cns., 100-oz. lots	oz.	.68	—
Arsenite, 25-oz. cns., 100-oz. lots	oz.	.66	—
Glycerophosphate, 25-oz. cns., 100-oz. lots	oz.	.67	—
Hydrochloride, 25-oz. cns., 100-oz. lots	oz.	.66	—
Hypophosphite, 25-oz. cns., 100-oz. lots	oz.	.77	—
Nitrate, 25-oz. cns., 100-oz. lots	oz.	.60	—
Phosphate, 25-oz. cns., 100-oz. lots	oz.	.67	—
Sulphate, cryst., cns., 100-oz. lots	oz.	.42	—
powd., cns., 100-oz. lots,	oz.	.32	—
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.	lb.	.45	—
tech., bbls., l.c.l., works.	lb.	.40	—
Sugar coloring, bbls.	gal.	.70	- 1.10
Milk, bbls., c.l.	lb.	.15	—
l.c.l., 10 or over	lb.	.16	—
less than 10	lb.	.17	—
Sulfanilamide, 5 lb., bots.	lb.	1.40	—
fib., dms., 1,000 lbs., 1 delivery,	lb.	1.00	—
100 lbs.	lb.	1.05	—
Sulphonethylmethane, kgs.	lb.	6.75	- 6.80
Sulphonmethane, kgs.	lb.	5.25	- 5.30
Sulphur, crude, bulk, f.o.b. cars, mines, contracts	long-ton.	16.00	—
f.o.b. steamers, Gulf ports, contract	long ton.	17.50	—
ex vessels, Atlantic seaboard, contract	long ton.	20.50	—
Puget Sound, Columbia River, and British Columbia parts, bulk, contract	long ton.	22.00	—
flowers, bgs., c.l., works.	100 lbs.	3.00	—
bbls., works	100 lbs.	3.35	—
l.c.l., bgs., works	100 lbs.	3.35	- 3.75
bbls., works	100 lbs.	3.70	- 4.10



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Sulphur, refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
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l.c.l., bgs., works....100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works..100 lbs. 1.60 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.85
bbls., works.....100 lbs. 2.20 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works.....100 lbs. 3.20 - —
l.c.l., bgs., works..100 lbs. 3.20 - 3.60
bbls., works.....100 lbs. 3.55 - 3.95
heavy, bgs., c.l., wks...100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., bbls., works.100 lbs. 2.50 - 2.90
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
rubber maker's, com'l, 99½%, c.l., frt. alld..100 lbs. 2.00 - —
bbls., same basis, c.l. 100 lbs. 2.35 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.35 - —
bbls., same basis.100 lbs. 2.70 - —
Chloride, 55-gal. dms., c.l...lb. .08 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .03 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - —
Precip., USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, bls....ton.67.00 - —
leaf, bales.....ton.70.00 - —
Extract, 42°, bbls.....lb. .05¼- —
51°, bbls.....lb. .06½- —
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs. .....lb. .05 - .05½
poultry, bgs.....lb. .03¾- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs , c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
90.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, flake type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills, ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills....ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls..lb. .05½ Nom.
extra, loose.....lb. .05¾- —
special, loose.....lb. .05¼- —
vegetable, ship, cs.....lb. .06½ Nom.
sulphonated, 35% (24% fat), dms., c.l..lb. .03¾- —
l.c.l. .....lb. .04¾- —
50% (43% fat), dms., c.l., lb. .05¾- —
l.c.l. .....lb. .06¾- —
50% (48% fat), dms., c.l..lb. .05¾- —
l.c.l. .....lb. .06¾- —
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk..unit-ton. 3.25 & .10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk..unit-ton. 3.20 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 3.25 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f., ports, May shipt. unit-ton. 3.25 & .10
Tansy leaves, bls.....lb. .17 - .18
Tapioca flour, bgs.....lb. .01¾- .03¾
Tar acid oil, 15%, dms., c.l., works..gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works....gal. .25 - —
l.c.l., same basis.....gal. .28 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .25 - .26
ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .30 - .31
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - .85
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms.....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- — tech. (see Perchloroethylene).
Tetralin, dms. .....lb. .12 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., wks..lb. 5.00 - 7.00
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .11½- .12
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs. .....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone. bbls..lb. .18 - .26
6% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd....lb. .45½- .46
Crystals, bbls., kg.....lb. .38 - .38½
Metal, Straits.....lb. .48¾- —
Oxide, bbls. .....lb. .50 - .52
Tetrachloride, anhyd., bbls..lb. .24¾- —
Titanium, dioxide, bgs., c.l. (20 tons), frt. pd..lb. .14 - —
l.c.l., 5 tons, E. frt. pd. lb. .14¼- —
Pac. Cst., ex whse..lb. .14¼- —
1,000-9,999 lbs., E. frt. pd..lb. .14½- —
Pac. Cst., ex whse..lb. .14½- —
50-999 lbs., E. frt. pd. lb. .14¾- —
Pac. Cst., ex whse..lb. .14¾- —
under 50 lbs., E. frt. pd. lb. .17 - —
Pac. Cst., ex whse..lb. .17 - —
bbls., c.l. (20 tons), frt. pd. lb. .14¼- —
l.c.l., 5 tons, E. frt. pd. lb. .14½- —
Pac. Cst., ex whse....lb. .14½- —
1,000-9,999 lbs., E. frt. pd. lb. .14¾- —
Pac. Cst., ex whse....lb. .14¾- —
50-999 lbs., E. frt. pd....lb. .15 - —
Pac. Cst., ex whse....lb. .15 - —
chalk-resistant, bgs., c.l. (20 tons), frt. pd..lb. .15 - .17
l.c.l., 5 tons, frt. pd....lb. .15½- .17½
1,000-9,999 lbs., frt. pd.lb. .15½- .17½
5-999 lbs., frt. pd.....lb. .15¾- .17¾
Under 50 lbs., frt. pd..lb. .18 - .20
Phthalate-treated, bgs., c.l., (20 tons), frt. pd..lb. .22 - —
l.c.l., 5 tons, E. frt. pd. lb. .22¼- —
Pac. cst., ex whse..lb. .22¼- —
1,000-9,999 lbs., E. frt. pd..lb. .22½- —
Pac. cst., ex whse..lb. .22½- —
50-999 lbs., E. frt. pd..lb. .22¾- —
Pac. cst., ex whse..lb. .22¾- —
under 50 lbs., frt. pd. lb. .25 - —
bbls., c.l. (20 tons), frt. pd..lb. .22¼- —
l.c.l., 5 tons, E. frt. pd..lb. .22½- —
Pac. Cst., ex whse..lb. .22½- —
1,000-9,999 lbs., E. frt. pd..lb. .22¾- —
Pac. Cst., ex whse..lb. .22¾- —
50-999 lbs., E. frt. pd.. lb. .23 - —
Pac. Cst., ex whse..lb. .23 - —
Pigment, barium, calcium, or magnesium base, c.l., D. frt. alld..lb. .05¾- —
l.c.l., dlvd.....lb. .05¾- —
Pac. cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., D., frt. alld..lb. .05¾- —
l.c.l., E., dlvd.....lb. .06¼- —
Pac. Cst., ex whse..lb. .06¼- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .45 - .46
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .26 - .28
root, bls.....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.35 - 2.40
Brasilian, Surinam, cs.....lb. 1.00 - 1.10
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .70 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
5 dms., same basis.....lb. .08½- —
less than 5 dms., same basis. lb. .08¾- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
5 dms., same basis.....lb. .09 - —
less than 5 dms., same basis. lb. .09¼- —
Zone 3, dms., c.l., works, frt. all..lb. .09 - —
5 dms., same basis.....lb. .09½- —
less than 5 dms., same basis. lb. .09¾- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
5 dms., same basis.....lb. .09½- —
less than 5 dms., same basis. lb. .09¾- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4 in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1, includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2, includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3, includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4, includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
500 lbs., dlvd.....lb. .37½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.10 - 2.20
Oxide, CP, kgs.....lb. 2.40 - 2.60
Chem. grade, kgs.....lb. 1.75 - 1.85
Turmeric root, Alleppey, bgs...lb. .06 - .06½
Madras, bgs.....lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .29¾- —
l.c.l., 10 ex dock.....gal. .31¾- —
5, ex dock.....gal. .33¾- —
wood dest., dist., dms., dlvd. E. cities, ports..gal. .22 - .24
tanks, dlvd. E. cities....gal. .19 - —
steam-dist., dms., c.l., dlvd..gal. .25 - —
l.c.l., dlvd.....gal. .28 - —
tanks, dlvd.....gal. .20 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., ship't. ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse..ton.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .08 - .09

V

Valerian root, bls.....lb. .09½- .10
Valonia, beards, bgs., ship...ton.47.00 - —
Cups, bgs., shipt.....ton.30.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 5.50 - 6.00
Mexican, tins .....lb. 5.50 - 6.00
cuts, tins .....lb. 5.25 - 5.50
South American, tins.....lb. 5.25 Nom.
Vanillin, ex eugenol, 25-lb. tins, lb. 2.20 - —
5-lb. tins.....lb. 2.25 - —
1-lb. tins.....lb. 2.35 - —
ex guaiacol, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
ex lignin, 25-lb. tins.....lb. 2.10 - —
5-lb. tins.....lb. 2.15 - —
1-lb. tins.....lb. 2.25 - —
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - — dms., c.l., 30,000 lbs., gross works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .38 - .39
tree .....lb. .19 - .22
Wattle bark, bgs., shipt.....ton.34.50 -38.00
Extract, solid, bags.....lb. .04 - —
Wax, bayberry, import, bgs...lb. .22½- .23
Bees, white, bleach, slabs, cs., 500 lb. lots..lb. .37 - .39
yellow, crude, Africa, bgs., lots of 10.....lb. .19½- .20
1 bg.....lb. .20 - .20½
Brazil, bgs., 5-10 ton lots. lb. .22½- .23
1 ton.....lb. .23 - .23½
500 lbs.....lb. .23½- .24
100 lbs.....lb. .24 - .24½
refd., slabs, cs., lbs....lb. .25¼- .26
Candelilla, bgs., 1 ton....lb. .15¼- .15¾
jobbing lots.....lb. .15¾- .16¼
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .27½- .28
5 bgs. .....lb. .28 - .28½
1 bg.....lb. .28½- .29
N. C. 2, bgs.....lb. .34¾- .35
N. C. 3, bgs., 1 ton.....lb. .28¾- .29¼
5 bgs. .....lb. .29¼- .30
1 bg. .....lb. .29¾- .30½
refined, bgs .....lb. .33¼- .33½
yellow, No. 1, bgs., 1 ton..lb. .36¾- .37¼
5 bgs. .....lb. .37¼- .38
1 bg.....lb. .37¾- .38½
No. 2, bgs.....lb. .35¾- .36½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09¼- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs.....lb. .10½- .10¾
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .11¾
Ozokerite, hard, green, congeal. p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .18 - .21
cakes, cs.....lb. .19 - .22
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.89 - —
dms., 50 lbs., or more...lb. 1.76 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l. works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60- 17.50
l.c.l., works.....ton.15.60 -18.50

Sulphur—Yellow, Ocher

Whiting, Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works .....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.00 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c., works. ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural. bls..lb. .04½- .05
rossed, bls.....lb. .07½- .09
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild Indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bge., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .08 - .10
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b Minnequa, Colo..gal. .26 - —
Xylol, nitration, dms., works.gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.56
Yellow, cadmium, CP, import., bxs..lb. 1.35 - 1.70
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06½- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import..lb. .02475- —
New York (f.o.b.)..lb. .03½- —
ex dock Philadelphia, for import..lb. .02¾- —
Portland, Seattle ..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02675- —
New York .....lb. .02½- —
ex-dock Phila., for import..lb. .02¾- —
Portland, Seattle...lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725-

—Continued on page 64

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Business Must Lead

Emphasis was laid in the addresses of the executive officers at the annual meeting of the American Drug Manufacturers Association on a purpose which points the only practicable solution of the increasingly troublesome problem of determining relations of government and business that will be conducive to economic progress. The point made was that the drug industry should foresee the necessity for more and better standards and tests for materia medica, and should be prompt and thorough in providing these.

This necessity was stressed also in an address to the convention by the chairman of the National Formulary revision committee. It was crystallized by the executive vice-president of the association in these words:—

> The industry must resist every attempt to delegate research leadership.

Self-satisfaction on the part of any group offers a happy hunting ground for opportunists. Failure on the part of business to see and to interpret and to be guided by obvious signs of a changing popular philosophy has afforded governmental opportunists a fertile field for experimentation in social service. There has been no sound questioning of the existence of a need for improvement in this respect. But, it has taken some five years to replace wishful thinking with recognition of factual evidence.

This should be the slogan of all business organizations and of all individual business leaders:—There is a job that should be done; it is ours to do, because we know how; let us then get busily to the doing of it. If in their knowledge of some one or other job for which there is a clamor business leaders are convinced that its doing would fall far short of what is promised for it, sometimes it would be wise that they proved their views by trial and error, rather than by argument.

Business not only must resist all attempts further to delegate its leadership, but also it must make every possible attempt to regain the large measure of leadership which it has lost. Business must draft the program for the restoration of national prosperity. It must lay the foundation on factual evidence developed by widely applied research. It must build as it well knows how.

To Meet The Drug Act

It must be encouraging to the drug industry that in an address to the manufacturers' meeting last week an official of the Food and Drug Administration manifested a commendable spirit of cooperation on the part of that enforcement agency in the gigantic task of meeting the requirements of the new food, drug, and cosmetic act. Testimony confirming this attitude of the officials was offered out of the experience of manufacturers. There is a need for cooperative purpose on both sides. The better that this is developed and applied, the less will be the onerousness of the new law, and the greater its benefits to industry and the public alike.

There was no assurance that the enforcement officials will be tolerant of offenses against the law; their purpose is to deal leniently with those who earnestly strive to comply with its provisions but may fall short because of inadequate understanding of what is required. The drug industry looks to the new law to be beneficial to it, when once the application of the statute gets to running smoothly. The industry knows that this will take time; the enforcement officials are not disregardful of this fact.

It was plain in the whole of the advice and counsel offered by the enforcement official that compliance with the law cannot be arrived at by general rules. These can but point the direction. The steps of progress will be determined always by the conditions of each individual problem. Not only must adequate consideration be given to the nature of the product to be brought into compliance, but full regard must also be had for the manner of its marketing. The information which the law will require to be furnished is to be measured by the needs and the understanding of those for whom it is required. The purpose of the law is to safeguard the public in its needs for medicines. The criterion of adequacy of the information furnished can be nothing less than what is required to effectuate this purpose.

There is only one reliable source of advice whether informative labeling is adequate. This is the Food and Drug Administration. Other advice may be helpful in a general way; but it cannot wisely be accepted as final. There will be danger in trying to do as little as possible to meet the requirements of the law. It is to be expected that official advice will be directed toward a little more, rather than anything less, than full compliance. But, a margin of safety in this respect will also have a commercial value in terms of consumer acceptance.

—O-P-D—

Winning Public Favor

It is not only in the conclaves of the drug industry that recognition is being voiced with reference to the part played in the developing and maintaining of business ills by a lack of self-analysis and a tendency to take too much for granted in respect of the business system and the political system of which it is a part. "Business men," said a leading merchant of these parts a few days ago, "must plead guilty to sins of omission and commission."

The commenter laid special stress on the neglect of public relations. This is a matter foremost in practically every business gathering today, and much is being attempted to recover what has been lost through neglect. Business is continuously advised to sell itself to the public. In many instances this advice is directed to an undertaking separated from the basic job of selling goods. This is not the best setup: business and its goods should be sold together.

The selling of business to the public must be engaged in along the same lines as those by which goods are sold. The first thing to know is that the transaction will result in the delivery of full value to the public. The seller must be satisfied that what he has to offer will stand public scrutiny. In this connection it must be recognized that actions speak not only louder than words, but more convincingly as well.

The manner in which a job is done is of, at least, as much importance in respect of satisfactory functioning as is what is done. The public is constantly becoming more aware of the fact that real values can be determined only by an appraisal of all their components. This is a hopeful sign, one of the few that offer tangible assurance that it is not futile to expect that governmental assistance will diminish in popularity. It should, therefore, be cultivated. The real value of business services should be demonstrated to the public, by actions more than by words, in order that the proper comparisons may be made with glittering promises.

The best means of developing public confidence and reliance in business is to improve the service of business to the public. Behind this lies the necessity for research—not alone delving into the mysteries of sciences, but a study of facts and the collation of data on which can be built enterprise that will anticipate the needs of the public and at the same time provide it with the means, as well as the materials, that will meet these needs.

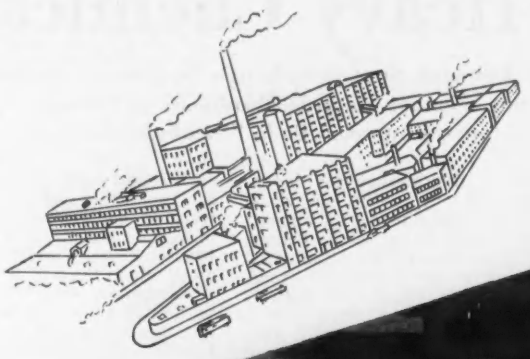
—O-P-D—

Interest in Medical Care

Development of a nationwide program of more adequate medical care is of interest to all business. It is not alone the concern of medicine, pharmacy, and the other branches of the healing arts. The costliness of the losses to business as a whole through incapacitating illness of short or longer duration and through the reduction of efficiency by subnormal physical condition, is enormous.

All business, then, should interest itself in the development of a program of better medical care. Its interest should not rest with approval of plans proposed, but rather must go constructively into the formulation of these plans. Some form of State-assisted medical care is coming. The form adopted is of great importance, and it is in the ultimate selection that all business should be participatingly represented. It must be recognized that the pending Federal legislation is chiefly enabling in purpose, and that the application of the program will be in the hands of the several States. Uniformity, to the extent that this is possible under the differences of State governmental constructions, is desirable. Harmony is essential to satisfactory functioning as an aid in the improving of the national earning capacity.

Business will do well to inform itself impartially with respect to the role that the medical profession will have in a program of extended medical care. Medicine itself has more than a little to learn in this respect; certainly it cannot be content to stand on the often-voiced view that the matter should be left almost if not quite wholly in its hands. The providing of medical care has been in the hands of the medical profession for centuries. None can gainsay that its handling of this important duty still leaves something to be desired.



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Heavy Chemicals

General Demand Spotty Although Sentiment Slightly Improved —Cool Weather Retards Movement of Seasonal Chemicals —Imported Soda Silicofluoride Easier

Business in the market for industrial chemicals was spotty last week. Replacement buying made its appearance in spurts and on the whole volume probably was not so bad, although it was difficult to get a definite trend. Weather conditions were not entirely favorable as yet for any stimulation of consequence in seasonal chemicals. Sentiment appeared somewhat improved, with the lessening of tension abroad. Indications that Congress would remain in session and perhaps enact some favorable tax legislation burdening business was taken favorably. The deadlock in the bituminous coal strike threatened to widen the tie-up to include Western territory, and partly offset some of the favorable news. Coal stocks were estimated to be sufficient to take care of normal industrial requirements for the remainder of the month.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Soda silicofluoride, imported, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
147.9	147.9	146.9	153.4

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.6

Market news that may have developed after this report was sent to press will be found on page 4.

Seasonal chemicals were not given much of an opportunity to move in normal volume by the inclement weather in most sections. Water treating materials such as alums and chlorine were moving a shade better at this time. Blue vitriol was in better demand in some Eastern sections for horticultural purposes. Other agricultural insecticides and fungicides were not up to usual proportions for this time of the year, and the weather has delayed consumer demand as much as three weeks in some localties. Calcium chloride was retarded by wet weather for dust control work. Anhydrous ammonia and other refrigerants were not moving very rapidly.

Imported soda silicofluoride was available at fractionally lower prices, reflecting the heavy imports from Denmark principally, and Italy and The Netherlands to a less degree. Domestic prices held unchanged. No further price weakness was disclosed in chlorine. Metals and their derivatives were unchanged. Potash salts were routine. Demand for cyanides was spotty. Shipment of alkalies held moderately active, with replacement buying regarded as satisfactory. There was little feature to the market for mineral acids.

Alums.—Demand for water treating purposes and the paper trade provided the market for alumina sulphate, ammonia and potash alums with a satisfactory volume of business last week. Price schedules were without change. March imports amounted to 138,026 pounds, valued at $1,347, of which 120,389 pounds came from Belgium and 17,637 pounds from Germany.

Ammonia, Anhydrous.—Unfavorable weather prevented the market from recording any particular stimulation throughout the past week. A steady to firm price tone remained in evidence.

Ammonia, Aqua.—Spot and contract shipments were moving in a steady manner to most consuming channels last week. Pricewise the market offered no new developments.

Ammonia Silicofluoride.—The call for disinfectant purposes was about routine, and domestic and foreign quotations were in conformity with those previously established. March imports totaled 53,651 pounds, valued at $3,220, all of which came from the Netherlands.

Ammoniac, Sal.—Withdrawals of the white and gray material were only fair, and the call came from the dry battery, textile and metallurgical trades principally. Quotations ruled unchanged. March imports amounted to 607,469 pounds, valued at $13,473, of which 375,739 pounds came from Germany; 375,739 from Poland and Danzig and 55,248 pounds from Belgium.

Antimony.—The market remained rather quiet, and shipments were usually confined to small lots. Quotations for the spot metal remained at the 11½c. per pound level. March imports of antimony compounds aggregated 22,896 pounds, valued at $2,045, of which 22,400 pounds came from the United Kingdom.

Antimony, Needle.—Supplies continued scarce, and the spot position of the market was at low levels. Large quantities were unobtainable, while some sellers were still able to offer small quantities in barrels and kegs at the 14c. to 16c. per pound basis.

Arsenic.—Transactions in the market for red and white material were routine, and little broadening in the demand was evident at this time. Quotations remained steady to firm. March imports of white arsenic aggregated 2,934,843 pounds, valued at $55,033, of which 1,683,837 pounds came from Mexico; 611,114 pounds came from France, 306,432 pounds from Japan; 172,989 pounds from Belgium and 100,129 pounds from Sweden. Imports during March of red material totaled 5,512 pounds, valued at $765, all of which came from Belgium.

Bleaching Powder.—The market lacked any new feaures of consequence, and trading proceeding along moderate lines for the most part. Prices ruled unchanged. March imports were 6,600 pounds, valued at $143, all of which came from the United Kingdom.

Blue Vitriol.—No further price changes occurred in the market, and a steadier tone prevailed as the result of the firmer price for the basic metal. Shipments were starting to move in fair size volume for horticultural purposes, and some Eastern and Mid-Western areas were coming into the market. Commercial demand remained steady, while export business was excellent in some directions.

Calcium Chloride.—Weather conditions continued detrimental to any large size withdrawals for dust control work, normal activity usually gets underway at this time, but the cool, wet weather in most sections have restricted early work on roads. Other demand, however, continues to be satisfactory. Pricewise no new developments transpired. March imports of crude material amounted to 438,957 pounds, valued at $2,795, all of which came from Germany.

Chlorine.—A steadier price tone was in evidence throughout the past week, and no further weakening in the market was uncovered. Volume of business was on a favorable basis, with inquiries for water treating and sanitation purposes taking up the lag in some of the commercial consuming channels.

Cobalt Oxide.—Usual consumers supplied the call for necessary quantities; and volume was not very large. Price remained unchanged. March imports totaled 78,050 pounds, valued at $110,741, of which 32,900 pounds came from Finland; 40,950 pounds from Germany and 4,200 pounds from France.

Copper.—A steadier price tone prevailed in the market for domestic copper, quotations were maintained at the 10¼c. to 10½c. per pound level. Quotations in the outside market were firmer too, ranging from 10.10c. to 10.15c. per pound. Domestic business was tapering off, while demand in the foreign market was spotty. Quotations abroad were higher later in the week at 10.15c. to 10.20c. per pound, as against a low of 10c. per pound earlier.

Copper Salts.—The market failed to fluctuate as far as prices were concerned, and sellers were holding quota-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

tions at previous levels. Demand for various derivatives was steady.

Feldspar.—Quiet conditions remained in evidence throughout the past week, and the call from the ceramic and paint trade was not very brisk. Quotations were in line with those previously in effect.

Lead Acetate.—A steady to firm price tone ruled in this direction. Business was generally reported as moderately active from usual large consuming channels.

Manganese Dioxide. — The market failed to record any new price developments, and quotations were generally steady for the African and Caucasian grades. Interest in the market was about routine.

Nickel Salts.—A firm price tone prevailed throughout the week just closed. Spot and contract business was steady, but demand did not show any particular broadening.

Potash Carbonate.—The soap, textile and glass trade provided the market with a steady call, but volume was not especially large. Prices ruled unchanged. March imports totaled 60,563 pounds, valued at $3,102, of which 31,010 pounds came from Germany, and 28,455 pounds from the Netherlands.

Potash, Caustic.—Usual consumers were making fair size withdrawals against contracts. No change was disclosed in the quotations. March imports amounted to 100,734 pounds, valued at $10,994, of which 80,911 pounds came from Germany and 19,823 pounds from Sweden.

Potash Chlorate.—Shipments continue to move in a routine manner, with the match trade continuing to absorb most of the material. Prices were without alteration. March imports were 2,151,797 pounds, valued at $125,177, of which 1,857,552 pounds came from Germany; 198,016 pounds from Switzerland; 50,309 pounds from Sweden and 45,920 pounds from Finland.

Potash Cyanide. — Usual consumers supplied the call for modest quantities throughout the past week. No change occurred in the quotations. March imports amounted to 11,243 pounds, valued at $3,900, all of which came from Germany.

Saltpeter.—Consumers were making their appearance for necessary quantities last week. Sellers could not point to any specific expansion in volume from large consuming sources. Prices continued the same. March imports aggregated 64,983 pounds, valued at $3,134, of which 59,524 pounds came from Germany and 5,459 pounds from France.

Saltcake.—Shipments for the account of the paper industry were fairly steady, but were not showing any particular pickup. Domestic and foreign quotations held at unchanged levels. March imports were 10,006 tons, valued at $95,583, of which 8,957 tons came from Germany; 977 tons from Canada and 72 tons from Chile.

Soda Ash.—Shipments were moving at a moderately active pace, sellers reporting some spottiness in the demand, but on the whole replacement business from large consumers was regarded as satisfactory. Prices were unchanged.

Soda, Caustic.—While large consumers were not displaying much interest aside from nearby requirements, volume was not showing any further signs of subsiding, although not entirely up to seasonal expectations at this time. Price schedules remained unaltered.

Soda Cyanide.—Demand was spotty, however, reports were general that replacement business from the automotive trade was sufficient to keep business on a favorable basis, and record considerable gains over the similar period a year ago. Prices ruled firm. March imports amounted to 2,825,834 pounds, valued at $250,063, of which 1,832,670 pounds came from Canada; 624,464 pounds from Germany; 284,600 pounds from France; 44,100 pounds from Japan and 40,000 pounds from the Netherlands.

Soda Fluoride.—Demand was not considered large, but consumers were displaying a broader interest at this time. Prices continued unchanged. March imports totaled 1,102 pounds, valued at $101, all of which came from Germany.

Soda Hydrosulphite.—The call from the textile trade was confined to moderate quantities in the majority of instances. No change was disclosed in the quotations. March imports amounted to 153,861 pounds, valued at $16,179, of which 44,092 pounds came from Czechoslovakia; 63,975 pounds from Switzerland and 36,512 pounds from the United Kingdom.

Soda Silicofluoride.—Easiness continued in the market, and imported material was available at 3½c. to 4c. per pound, according to quantity. Domestic quotations were held at the same basis. March imports amounted to 576,051 pounds, valued at $10,505, of which 404,885 pounds came from Denmark; 98,193 pounds from Italy; 61,730 pounds from the Netherlands and 11,243 pounds from Germany.

Soda Stannate.—Quotations held firm at the 32c. to 35c. per pound basis. Although further strength was displayed in the Straits metal, it was not sufficient to bring about any further advance in the prices. Business continued moderately active.

Soda Sulphate, Anhydrous.—Withdrawals proceeded in a routine manner, with most business confined to commitments against contracts. Prices ruled unchanged. March imports were 832 tons, valued at $15,870, all of which came from Germany.

Soda Sulphide. — Major consumers were showing a fair interest in the market, with the call coming from the textile and leather trades in moderate volume. Quotations were without alteration. March imports totaled 649,925 pounds, valued at $14,486, of which 570,125 pounds came from Germany; 46,495 pounds from Belgium and 33,305 pounds from Switzerland.

Soda Sulphite.—Withdrawals were reported for the account of the photographic and textile trade in satisfactory quantities last week. Sellers were adhering to quotations in force previously.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

March imports amounted to 7,723 pounds, valued at $290, of which 5,000 pounds came from the United Kingdom and 2,205 pounds from Czechoslovakia.

Strontium Nitrate.—A steady call for moderate quantities was the rule, with railroads supplying the bulk of the business. No change occurred in the price schedule. March imports were 106,845 pounds, valued at $7,085, all of which came from Germany.

Tin Salts.—No further advances were recorded in the market for various tin derivatives last week. However, quotations were generally firm at the recently established levels. Straits metal was quoted around 49¼c. per pound. Activity in the market was steady for moderate size quantities.

Uranium Oxide. — Small quantities usually made up the call, and the tone of the market remained firm. March imports of the oxide and salts totaled 38,075 pounds, valued at $60,149, of which 32,550 pounds came from Belgium and 5,525 pounds from Canada.

Acids

Movement of various mineral acids into consuming channels continued at moderate levels last week. Demand was quite steady in most materials, but the market lacked any particular improvement as far as volume was concerned, and most consumers entered the market for nearby requirements. The market lacked any new price developments, and schedules were generally held at previous levels. The latest statistics on sulphuric acid, released by the Department of Commerce, shows production for the first quarter totaled 521,107 tons, compared with 497,832 tons in the corresponding period a year ago. Consumption during the first three months amounted to 399,805 tons, against 401,907 during the like period a year ago.

Acetic. — The market for various grades of acid continued moderately active, and there was little new in the way of major developments. Prices were without alteration.

Chromic.—The call from the plating trade continued fairly steady, and firm price tone prevailed.

Formic.—Conditions in this direction showed little change, and demand was usually confined to necessary requirements by major consumers. No change occurred in the quotations.

Hydrofluoric.—Sellers could point to a satisfactory interest in the market both in contract and spot business, although usually consumers were pursuing a conservative purchasing policy. Prices ruled unchanged.

Muriatic.—Business was not particularly large, but a fairly steady demand was prevalent for current requirements. Prices were without change.

Nitric.—Major consumers provided the call for fair size quantities through-

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Tacoma, Wash. Works, Tacoma, Wash.

out the past week. No change was disclosed in the prices.

Sulphuric.—With major consumers continuing to follow a conservative purchasing policy, the market for various grades of acid underwent little improvement last week. Price schedules were unchanged. Statistics based on data reported by 56 fertilizer manufacturers released by the Department of Commerce show production of sulphuric acid during March amounted to 169,952 tons and for the first quarter amounted to 521,107 tons, against 497,832 tons in the like period a year ago; receipts totaled 29,459 tons in March, and for the first three months were 114,747, compared with 129,265 tons in the like period last year. March consumption totaled 119,081 tons, and for the first quarter aggregated 399,805 tons, against 401,907 tons during the like quarter last year. Shipments during March were 77,964 tons, and for the first three months amounted to 231,611 tons, contrasted with 219,195 tons in the corresponding period last year. Stocks on hand at the end of March amounted to 94,529 tons.

Baltimore, May 3.—The market for sulphuric acid showed no change during the last week from the situation which has prevailed almost since the beginning of the year. With the requirements of consumers of acid fairly well covered by contracts placed in December, there is no little opportunity for supplementary needs to development and send the buyers into the market again. The nominal quotations stand at $12 per ton for 60-degree, and at $15 for 66-degree acid, both pyrites and brimstone. Oleum is also unchanged as far as the nominal figures are concerned, sellers asking $17 per ton for 20 percent stock, both pyrites and brimstone.

Insecticides

Weather conditions continued to play a prominent role in retarding a more normal movement of agricultural insecticides and fungicides last week. While a little more interest was manifest in the market in some sections where insects made an early appearance, this was confined to only a few territories. Demand on the whole was on a restricted basis, and the cold, wet weather has delayed the active season about three weeks already. Most of the buying was made in preparation for probable ravages later on. Conditions in the Southern cotton states continued unfavorable in most important producing territories. The market was without any new price features, and quotations previously established were well maintained.

Agricultural insecticides continue to be used on a wider scale in Argentina in connection with the cultivation of fruits, vegetables, cotton and tobacco. The local industry supplies most of the demand in carbon bisulphide, lime sulphur solution and Paris green. Many other preparations are made from imported sulphur, arsenic, lead arsenate, copper sulphate, calcium arsenate, sulphur-lime powder, nicotine sulphate and oil emulsion sprays.

Calcium Arsenate.—Movement of material was later than usual in the Southern cotton states, and this was attributed principally to the unfavorable weather prevailing in most important cotton states. On the whole business in the market was not up to usual proportions for this time of the year. Prices held firm.

Lead Arsenate.—Some activity was disclosed in the market as preparations were under way to combat the Japanese beetle and other insects, which usually infest the country at this time. No change was disclosed in the quotations.

Lime Sulphur.—The call for spraying purposes was moderate, and warmer weather was expected to bring about a large demand in most sections. Price schedules were unaltered.

Paris Green.—Demand was quite active in some sections where threats and actual grasshopper infestations took place, but this was confined almost entirely to the western territory. Quotations ruled unchanged.

Colson Corp. Introducing New Universal Drum Truck

Rugged steel, welded construction, proper balance to eliminate lifting strain, and instant adjustability to facilitate handling barrels and drums up to 40 inches in height are features of the new Colson universal drum truck manufactured by the Colson Corporation, Elyria, Ohio. The backbone handles and drum support of the truck are constructed of extra heavy tubular steel, strongly welded throughout.

The truck's wheels are designed so that two rows of large ball bearings, running in machined and hardened raceways, carry the load and all side thrust. Tires of replaceable rubber or steel are available on various models.

Commerce Chamber Asks Business Curbs Repeal

—Continued from page 5

public construction should be by competitive bids, and state organizations should control public works and relief expenditures.

Department of Commerce

The department should become an aggressive champion of the country's industries and should fulfill its duty of fostering, promoting and developing the welfare of American business.

Temporary National Economic Committee

The Temporary National Economic Committee should abandon ex-parte presentations and devote its attention to the anti-trust laws with emphasis on developing procedure permitting industry rules of fair competition.

Labor Relations Act

The law should be amended to improve proceedure and protect rights of employers.

Wage-Hour Act

The law should be repealed.

Expenditures

Federal expenditures should be brought down to those for which there is unquestionable justification and the public debt limit should not be increased.

Taxes

There should be immediate modification of taxes which, because of excessive rates or because of their hampering effects, are now acting as deterrents to business recovery, and there should be elimination of punitive features and of all provisions other than those which have for their purpose the raising of revenue.

Petroleum

The Interstate Oil Compact and the Federal hot oil act should be continued.

Trade With China

Every possible effort should be made to develop and maintain trading and business opportunities for Americans in China equal to those of any other nation, in accordance with traditional American policy and international agreements.

Trade With Latin America

To promote mutually beneficial trade with Latin America, support should be given to our government's foreign-trade program in its provisions for examination with individual nations of the Americas of basic factors that would influence the successful conclusion of reciprocal trade agreements, protests against discriminations made in the interest of competitor nations, and efforts to establish true equality of treatment among the countries of the Western Hemisphere.

At the round table discussion of natural resources, Frank Phillips, chairman of the board of the Phillips Petroleum Company, Bartlesville, Oklahoma, opposed Federal regulation of the oil industry but favored Federal cooperation with States, declaring that the need of conservation is so great and the solution of the problem so obvious that corrective measures could not be postponed must longer. The industry must be so regulated, he declared, that its efforts cannot be destroyed by the action of a few oil producing states or a few operators who disregard the interests of others while attempting to satisfy their own selfish aims. Mr. Phillips also demanded that the Sherman anti-trust law be amended to permit the oil industry to agree to prevent overproduction and cutthroat competition.

Elected were the following officers:—

President, W. Gibson Carey, jr., president of the Yale & Towne Manufacturing Co., New York; chairman executive committee (re-elected), John W. O'Leary, of Arthur J. O'Leary & Son Company, Chicago; treasurer, Robert V. Fleming, Washington, president of the Riggs National Bank, Washington.

Vice-presidents, Northeastern division, Thomas H. McInnerney, president of National Dairy Products Corporation; Southeastern (re-elected), Clem D. Johnston, Roanoke, Va., president, Roanoke Public Warehouse; North Central (re-elected), James S. Kemper, president, Lumbermens Mutual Casualty Company, Chicago; Northwestern, O. J. Arnold, president, Northwestern National Life Insurance Company, Minneapolis; Southwestern (re-elected), Joseph W. Evans, Houston, Evans & Co.; Western (re-elected), W. C. Mullendore, Los Angeles, executive vice-president of Southern California Edison Company.

J. Homburger, president of the Societe Chimique et Metallurgique S. A. Brussels recently arrived from Belgium. His address during his stay in this city is the Barbizon Plaza.

Trade Briefs

Barada & Page, Inc., distributor of chemicals, Kansas City, Mo., has issued its May-June price list.

Carbon bisulphide consumption in Turkey amounts to 150 tons annually, furnished principally by Italy.

Imperial Chemical Industries, London, plans to purchase the shares of the Magadi Soda Company, one of its affiliates.

Copper sulphate imports into India in 1938 declined 1,455 tons from 1,761 tons in 1937, reflecting increased domestic production.

M. J. Hayes, of the International Selling Corporation, this city, is convalescing in St. Mary's Hospital, Brooklyn, from pneumonia.

George E. Dyke, former executive vice-president of Robert Gair Company, Inc., has been elected president of the company, to succeed E. Victor Donaldson, resigned.

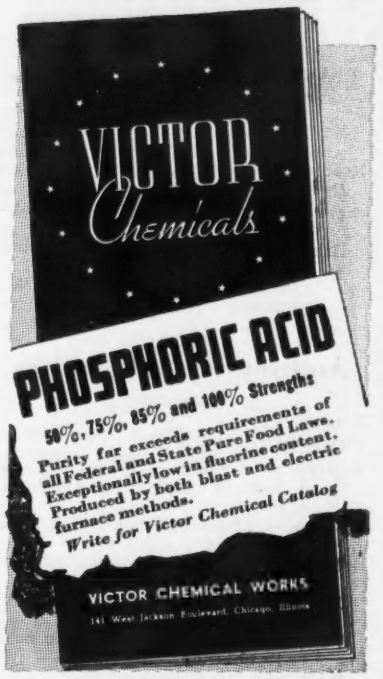
Brazilian import trade in 1938 was valued at $295,388,599, of which the United States accounted for $71,508,372, or 24.21 percent of the total trade, while imports from Germany accounted for 20.71 percent.

Chemists' Club Names F.M. Becket President

—Continued from page 5

he was associated with the Westinghouse Electric & Manufacturing Company the Acker Process Company, the Ampere Electrochemical Company, and the Niagara Research Laboratories. In 1924 he was honored with the Perkin Medal award. Mr. Becket holds memberships in the American Institute of Mining and Metallurgical Engineers, of which he was president in 1933; the American Chemical Society; the Electrochemical Society, of which he was honorary president in 1925-26; the American Society for Testing Materials; the American Society for Metals; and the Iron and Steel Institute of London, England. He is also a member in the Engineers' and Mining clubs of this city and of the Niagara Club.

John F. Keller, of the New York office of the Archer, Daniels, Midland Company, vegetable oil manufacturer and refiner, Minneapolis, who has been enjoying a vacation in Florida during the past two weeks, is expected back today.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1-Amino-4-benzoylamino-anthraquinone

Dye

Reactant in—
Dye syntheses
Starting point (Brit. 480745) in making—
Brown dyestuffs (tribenzoylaminotrianthrimide carbazoles) with 4:5-dihalogen-1-benzoylaminoanthraquinones

---

Anthranilic Acid Amide

Chemical

Reactant in—
Organic syntheses
Starting point (Brit. 443583, 445857 and 466358) in making condensations with—
6-Brom-2:3-hydroxynaphthoic acid or its chloride
7-Chlor-2:3-hydroxynaphthoic acid or its chloride
6-Methoxy-2:3-hydroxynaphthoic acid or its chloride
7-Methoxy-2:3-hydroxynaphthoic acid or its chloride
6-Methyl-2:3-hydroxynaphthoic acid or its chloride

Benzylethyl Ethylphthalate

Cellulose Products

Softener (U.S. 1984283) for—
Cellulose esters and ethers

Ceramic

Softener (U.S. 1984283) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Softener (U.S. 1984283) for—
Cellulose esters and ethers

Electrical

Softener (U.S. 1984283) in—
Insulating compositions, containing cellulose esters or ethers, used for covering wire or in electrical machinery and equipment

Glass

Softener (U.S. 1984283) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glues and Adhesives

Softener (U.S. 1984283) in—
Adhesive compositions containing cellulose esters or ethers

Leather

Softener (U.S. 1984283) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of artificial leather and as coatings for protecting and decorating leather and leather goods

Metal Fabricating

Softener (U.S. 1984283) in—
Coating compositions, containing cellulose esters or ethers, used for protecting and decorating metal articles

Miscellaneous

Softener (U.S. 1984283) in—
Coating compositions, containing cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Softener (U.S. 1984283) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose esters or ethers

Paper

Softener (U.S. 1984283) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Softener (U.S. 1984283) in making—
Films from cellulose esters or ethers

Plastics

Softener (U.S. 1984283) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose esters or ethers

Resins

Softener (U.S. 1984283) in—
Artificial resins made from or containing cellulose esters or ethers

Rubber

Softener (U.S. 1984283) in—
Coating compositions, containing cellulose esters or ethers, used for protecting and decorating rubber goods

Stone

Softener (U.S. 1984283) in—
Coating compositions, containing cellulose esters or ethers, used for decorating and protecting artificial and natural stone

Textile

Softener (U.S. 1984283) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated textile fabrics

Wood

Softener (U.S. 1984283) in—
Compositions, containing cellulose esters or ethers, used as protective and decorative coatings on woodwork

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Copper Borate

(Borate de Cuivre, Borate Cuivrique, Borato de Cobre, Borato di Rame, Borsaureskupfer, Cupric Borate, Kupferborat)

Ceramic

Coloring agent for—
Chinaware Potteries
Porcelain

Electrical

Process material (U.S. 1268647) in making—
Glass insulating and sealing mediums for conductor wire used in electric lamps and mercury rectifiers

Insecticide

Ingredient of—
Insecticides Wheat-rust inhibitors
Parasiticides

Paint and Varnish

Pigment in—
Oil paints

Wood

Fireproofing agent (U.S. 1216729) for—
Wood, particularly pine and red oak

Copper Hydroxide

(Copper Hydrate, Cupric Hydroxide, Hidrato de Cobre, Hydrasiertekupferoxyd, Hydrate de Cuivre, Hydrate Cuivrique, Hydrated Copper Oxide, Hydroxyde de Cuivre, Hydroxyde Cuivrique, Idrato di Rame, Kupferhydrat, Kupferhydroxyd)

Analysis

Component of—
Schweitzer's reagent
Reagent in—
Analytical processes involving control and research in science and industry

Building Construction

Ingredient of—
Cement (U.S. 1296468)
Process material (U.S. 1177156) in—
Waterproofing building materials

Cellulose Products

Process material in making—
Benzylcellulose (U.S. 1451330)
Benzylethylcellulose (U.S. 1451331)
Cellulose ethers (U.S. 1502379)

Chemical

Catalyst in making—
Organic chemicals
Ingredient of—
Catalytic mixtures used in making synthetic organic chemicals
Process material in making—
Absorbent carbons (U.S. 1519470)
Regenerating agent (U.S. 1349750) for—
Ammonium hydroxide
Starting point in making—
Catalysts for use in hydrogenation processes
Catalysts for use in organic syntheses
Copper salts, such as abietinate, borate, chlorate, chromate, nitrate, oleate, red oxide, silicofluoride

Dye

Process material in making—
Synthetic dyestuffs

Electrical

Starting point in making—
Battery electrodes (U.S. 1134093, 1438086, and 1489240)

Fats and Oils

Catalysts in—
Hydrogenation processes
Catalyst in making—
Butter substitutes
Margarin
Synthetic fats
Remover of—
Arsenic and other compounds from marine animal oils
Catalyst poisons from marine animal oils
Starting point in making—
Catalysts and catalytic mixtures for hydrogenation processes

Firefighting

Ingredient of—
Fireproofings for fabrics (U.S. 1261736)
Fire-extinguisher (U.S. 1421436)

Food

Catalyst in making—
Butter substitutes
Margarin
Synthetic fats
Starting point in making—
Catalysts and catalytic mixtures for hydrogenation processes

Fuel

Remover (U.S. 1207968) of—
Carbon monoxide from gas

Insecticide and Fungicide

Ingredient of—
Fungicide (U.S. 1235285)
Insecticide (U.S. 1235285 and 1512432)
Process material in making—
Lead arsenate (U.S. 1512432)
Paris green (U.S. 1512432)

Lubricant

Catalyst (U.S. 1350814) in making—
Lubricating oils

Mining

Flotation agent (U.S. 1446314) in—
Ore concentration

Miscellaneous

Process material in making—
Artificial leather (U.S. 1316913)

Paint and Varnish

Pigment for—
Paints, varnishes, enamels, and other coatings

Paper

Staining agent

Rayon

Reagent in making—
Cuprammonium solutions

Soap

Catalyst in—
Hydrogenation of soapstocks
Remover of—
Arsenic and other compounds from marine animal oils
Catalyst poisons from marine animal oils
Starting point in making—
Catalysts and catalytic mixtures for use in hydrogenation processes

Textile

Mordant in—
Dyeing processes

Sodium Borate

(Continued from May 1 issue)

Paint and Varnish

Process material in making—
Calcimines Calcimine binders
Solvent for—
Casein Shellac
Starting point in making—
Driers for paints, varnishes, enamels and the like, consisting of the borates of various metals, such as of manganese and lead
Guignet's green

Paper

Ingredient of—
Coatings and glazes for paper, cards, and the like

Pharmaceutical

In compounding and dispensing practice
Suggested for use as—
Antiepileptic Diuretic
Antiseptic Germicide

Printing

Binder and preservative in—
Printer's roller compositions

Refractories

Ingredient of—
Crucibles

Resins

Process material in making—
Aldehyde-phenol condensate
Formaldehyde-urea condensate

Rubber

Coagulant for—
Rubber latex
Coating agent for—
Molds
Ingredient of—
Mold-coating compositions
Process material in making—
Rubber substitutes

Soap

Ingredient of—
Cleaning compositions
Detergent compositions
Dish-washing compositions
Hand-cleansing compositions
Scouring compositions
Washing agents for delicate fabrics
Window-cleaning agents

Textile

As a solvent bleach
Bleaching agent for—
Fabrics
Detergent in—
Degumming silk and other fibers
Scouring operations
Washing operations for wool
Washing operations for delicate products, such as laces and other materials sensitive to alkalies
Fireproofing agent for—
Fabrics
Fixative for—
Alumina Iron oxide
Ingredient of—
Sizes
Stiffening compositions
Lustering agent for—
Starched goods (added to the starch)
Mordant in—
Calico printing
Dyeing processes

Water and Sanitation

Ingredient of
Water softeners

Wood

Fireproofing agent
Hardening agent in making—
Imitation hardwood from soft wood
Oilproofing agent
Preservative

Dyestuffs, Textile and Leather Chemicals

General Demand Continues Dull — Coal Strike Remains Threat —Valonia Cups Lower—African Wattle Barks Easier—Egg Products Unchanged—Corn Derivatives Firm

Transactions in the market for dyestuffs, textile and leather chemicals remained quiet last week. Practically every division reported a hand-to-mouth buying policy, reflecting the lower textile activity in most sections, while leather industry was reported only fair buyers. A breakdown of negotiations between the United Mine Workers and bituminous operators of the Appalachian area threatened to extend the shutdown to other territories in the West, and created more uncertainty over the future supplies of coal. Most mills had ample stocks for the next few weeks, but, unless settlement is made soon, the situation was expected to become serious.

As far as prices were concerned, the market lacked any particular feature. A slight easiness was uncovered in Valonia cups, while African wattle barks were a shade lower. Gambier common was nominal, stocks were scarce and the spot market was at low levels. Business in tanning materials was not very active last week, and this could be attributed in part to the lessening of tension abroad. Sizing materials, which have offered the most erratic price movements, were generally steady. Egg albumen and egg yolk held steady. Blood albumen remained firm; stocks of imported materials were not large. Corn derivatives failed to show any further price changes, although the strength in the basic commodity gave the market a strong tone. Natural dyesutffs were steady to firm. Logwood was taken moderately. In the chemical division, bichromates failed to display any upward trend as far as volume was concerned. Potash and soda prussiates were without any new features. Zinc dust held firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Valonia, cups, $1 per ton.
Wattle bark, African, 25c. per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
137.8	137.8	139.3	152.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Potash Bichromate.—Business was on a limited basis, and shipments were held close to production requirements. Prices were steady to firm.

Potash Prussiate.—Little of interest transpired in this direction throughout the past week, and dealings in the red and yellow grades were not very broad. Prices ruled unchanged. March imports totaled 30,313 pounds, valued at $7,257, of which 28,108 pounds came from Germany and 2,205 pounds from the Netherlands.

Soda Bichromate.—Demand was about steady, but volume showed little signs of expanding last week. Quotations were in conformity with those prevailing previously.

Soda Prussiate.—No new developments of consequence entered the market, and withdrawals were usually of a moderate character. Prices ruled unchanged. March imports aggregated 105,095 pounds, valued at $6,190, of which 60,186 pounds came from Japan and 44,909 pounds from the Netherlands.

Zinc Dust.—A firm price tone continued to predominate in the market last week. Business was not especially active, and usually held to modest proportions.

Dyestuffs

Annatto.—The market for the seed and paste material was spotty, and small lots usually made up the call. No change was disclosed in the quotations. March imports of annatto and extracts totaled 131,017 pounds, valued at $5,289, of which 55,000 pounds came from Ecuador; 32,275 pounds from Jamaica; 32,350 pounds from the Dominican Republic and 11,392 pounds from British India.

Fustic.—Buying was rather limited in the market last week. Quotations were held at previously established levels, and the tone of the market remained firm.

Logwood.—Withdrawals were only moderate, and lacked any broadening at this time. Quotations were without alteration. March imports of logwood extract amounted to 33,069 pounds, valued at $3,973, all of which came from France.

Sizing Materials

Albumen, Blood.—The tone of the market remained firm. No further advances were recorded for the imported, although spot stocks were at low levels. Domestic prices were unchanged. Demand was fairly steady.

Albumen, Egg.—While the price situation continued on the easy side, no further reductions were recorded last week. Interest in the market was not very heavy, despite the low prices. The outlook for eggs changed little during the month of April, according to the Bureau of Agricultural Economics. Egg production per 100 hens on April 1 was about 3 percent less than the record high production last year, but the increased size of flocks resulted in the largest production per flock reported since 1930.

Dextrin.—Quotations held firm in the market for various grades of material, but prices were without further change. Strength in the basic commodity attributed more to the firmness than any unusual demand, although sellers report a fair size amount of business on the books. Visible supplies of corn on April 29 totaled 38,639,000 bushels, against 39,766,000 bushels in the previous week and 37,897,000 bushels in the same week a year ago.

Egg Yolk.—The market failed to record any change in price, and the tone of the market was steady. Demand was confined to small quantities in most instances.

Starch.—Withdrawals were moderately active in this direction during the past week. Quotations held at previous levels and a firm tone prevailed in the market. A plant for the production of potato and manioca starches among other products has been established near Joinville, Brazil, according to the American Commercial attache in Rio de Janeiro.

Tanning Materials

Gambier.—Stocks of common were scare, and spot stocks were not large, consequently nominal quotations prevailed last week. Quotations for the plantation and cubes were firm. Business was not very large last week.

Myrobalans.—A steady to firm tone governed the dealings, and prices held unchanged last week. Consumers were making only necessary commitments.

Sumac.—Nothing new developed in the market, and business was along modest lines. Quotations for the ground and leaf were unchanged.

Valonia.—Quotation for cups was slightly easier at $30 per ton; beards were unchanged. Trading was not particularly brisk, and usually held close to production requirements.

Wattle Bark.—Prices for the East and South African materials were lowered to $34.50 and $38 per ton, respectively. Business was quiet.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

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PLANTS AT BALTIMORE AND JERSEY CITY MINES IN NEW CALEDONIA

Aluminum Salts Output Declined Sharply in 1938

Production and shipments of aluminum salts were substantially lower in 1938 than in 1937, according to the Bureau of Mines. Domestic production declined 11 percent in quantity and shipments declined 12 percent in quantity and 16 percent in value. Total shipments of aluminum sulfate, the principal product of the aluminum salts industry, decreased from 424,568 short tons in 1937 to 374,248 tons in 1938, a drop of 12 percent.

Aluminum salts imported during 1938 totaled 1,871 short tons valued at $40,169 compared with 2,864 tons valued at $61,665 in 1937. Exports of aluminum sulfate in 1938 totaled 27,715 short tons valued at $578,330 compared with 31,807 tons valued at $679,214 in 1937. Other aluminum compounds exported in 1938 amounted to 1,770 short tons valued at $257,545 compared with 2,609 tons valued at $426,363 in 1937. Alumina imports totaled 72 short tons valued at $5,464 in 1938 compared with 204 tons valued at $16,461 in 1937. Bauxite concentrates and alumina exports in 1938 amounted to 15,643 short tons valued at $929,904 compared with 44,180 tons valued at $2,438,879 in 1937.

Aluminum-salts manufacturers reported the consumption of 172,669 long tons of bauxite, 4,068 short tons of alumina, 610 tons of aluminum metal, and a small quantity of clay and alunite. Approximately 53 percent of the bauxite used was of domestic origin, the balance was imported, chiefly from British Guiana.

Prduction in U. S.

	1938 Num-producers.	1938 Short tons.	1937 Num-producers.	1937 Short tons.
Alum—				
Ammonia	7	3,754	6	5,440
Potash	3	1,715	4	3,098
Aluminum chloride—				
Liquid	6	2,167	6	2,245
Crystal	2		2	
Anhydrous	4	6,240	4	7,026
Aluminum sulfate—				
Commercial—				
General	16	353,044	14	397,733
Municipal	10	10,278	10	14,125
Iron-free	8	15,082	7	15,103
Sodium aluminum sulfate	2		2	
Sodium aluminate	7	24,961	7	24,513
Total aluminum msalts	..	417,241	..	469,283
Alumina*	7	26,606	7	24,904

* Excludes alumina produced for use in making aluminum; includes activated, calcined, crude, hydrate and monohydrate D produced for sale.

Sulphuric Acid Output Gained Sharply in 1937

Revised statistics on the 1937 production on sulphuric acid have been issued by the Bureau of Census as follows:—

	1937.	1935.
Establishments	157	155
Total production (basis 50° Baume), tons*	7,946,695	6,432,127
Made and consumed in same establishments, tons	2,228,103	1,943,979
For sale:—		
Tons*	5,718,592	4,488,148
Value	$42,197,855	$31,907,994
Production by process:—		
Contact:—		
Number of establishments	70	65
Total production, tons*	3,802,951	3,431,427
Made and consumed in same establishments, tons	800,433	834,534
For sale:—		
Tons*	3,002,518	2,596,893
Value	$23,650,589	$19,457,633
Chamber:—		
Number of establishments	98	101
Total production, tons*	4,143,744	3,000,700
Made and consumed in same establishments, tons*	1,427,670	1,109,445
For sale:—		
Tons*	2,716,074	1,891,255
Value	$18,547,266	$12,450,361

* Tons—2,000 pounds.

Continental Can Reports Earnings for First Quarter

Consolidated net earnings of Continental Can Company, Inc., and its wholly owned subsidiaries, as reported to the New York Stock Exchange today, for the twelve months ending March 31, 1939, based partly on estimates and subject to current year-end adjustments, amounted to $12,195,805, which, after providing $5,036,965 for depreciation, depletion and Federal income taxes, left net earnings available for dividends of $7.158,840. After deducting $900,000 to cover dividends on 200,000 outstanding shares of $4.50 cumulative preferred stock, there remained $6,258,840 of net earnings applicable to the common stock, equivalent to $2.19 a share on 2.853,971 common shares of $20 par value outstanding March 31, 1939.

Barium Monoxide Uses Described By Barium and Chemicals, Inc.

The properties and uses of barium monoxide, commonly known as porous barium oxide, is reviewed in a leaflet which has been issued by Barium and Chemicals, Inc., Willoughby, Ohio, producer of barium products since 1916. Manufactured by a patented process, employing the low-temperature reduction of pure barium carbonate, porous barium oxide is made extremely reactive and porous. It is especially recommended for drying and dehydrating gases, liquids, and solids at temperatures up to 1,000 degrees. A copy of the leaflet may be obtained from Barium and Chemicals, Inc., mentioning the OIL, PAINT & DRUG REPORTER.

Du Pont Earnings Up

E. I. duPont de Nemours & Co., and wholly owned subsidiaries, report for the quarter ended March 31 net profit of $19,075,376 after depreciation, obsolescence, interest and Federal income taxes. This compares with net profit of $9,060,602 in the like 1938 period.

After deduction of dividend requirements on debentures and on $4.50 preferred stock of the company, including the $235,979 company proportion of undivided profits of controlled companies not wholly owned, balance available for common dividends for the first quarter was equal to $1.55 a share on 11,055,921 par $20 shares of common stock outstanding. This compared with 65 cents a share in the 1938 first quarter.

Chemical Salesmen to Golf

The Salesmen's Association of the American Chemical Industry will hold a series of four golf tournaments. The first tournament is scheduled for June 15 at the Ridgewood Country Club, Ridgewood, N. J.; second, July 11 at the Plandome Golf Club, Plandome, Long Island; third, August 15, Bonnie Briar Country Club, Larchmont, New York; fourth, at the Pomonok Country Club, Flushing, Long Island, the date of which will be announced later. B. F. Sheehan, jr., chairman of the entertainment committee, announced that if the annual dues for 1939 are paid prior to date of the first tournament and a member plays in that tournament, a free ride will be forthcoming in the August tournament, free as to golf charges only.

Bauxite Shipments Off 26 Percent in 1938

Shipments of bauxite by producers in the United States totaled 311,354 tons, against 420,232 tons in 1937, according to the Bureau of Mines. Imports for consumption in 1938 totaled 455,693 long tons, against 507,423 long tons in 1937. Exports, including bauxite concentrates, totaled 57,726 long tons, against 123,191 long tons in 1937. A breakdown of shipments made by producers in the United States to consuming industries follows:—

	Long tons 1938.	Long tons 1937.
Aluminum	146,687	211,275
Abrasive	92,874	126,339
Chemical	64,154	75,561
Miscellaneous	7,639	7,057

Pepsi-Cola Stock Sought In Suit by Devoine Co.

The Devoine Company, Baltimore, has filed suit in the Federal District Court, Baltimore, against Loft, Inc., New York, asking that 100,000 shares of stock in the Pepsi-Cola Company be declared the property of the Grace Company, a subsidiary of the Devoine organization.

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Vanadium Ores Output Up Sharply in 1938

Production of carnotite and vanadium ores increased phenomenally in 1938, according to the Bureau of Mines. The carnotite ores came from several operations in Colorado and Utah. Vanadium ores were produced in Colorado, Nevada, and Utah, and complex ore carrying values in gold, silver, lead, molybdenum and vanadium was produced in Arizona.

Production:—

	1937.	1938.
Carnotite ores, short tons.	1,708	4,290
Radium contained, mlgms.	3,141	7,821
Uranium contained, lbs.	20,764	51,705
Vanadium contained, lbs.	73,788	310,463
Vanadium and complex ores, short tons.....	129,372	227,397
Vanadium contained, lbs.	1,012,337	1,439,296
Imports:—		
Uranium oxide and salts of, lbs.....	203,473	376,708
Radium salts, grams.....	15.29	38.75
Vanadium ores, short tons.	7,403	9,981
Vanadium contained, lbs.	1,258,880	1,384,320

Steel Barrel Output Up

Production of heavy type steel barrels and drums in March amounted to 709,252 units, against 552,189 for February and 773,570 for March, 1938. Shipments totaled 710,228 units in March, against 556,069 in February and 771,313 in March of last year. Stocks at the end of March totaled 29,610. In the lighter type of drums, output in March amounted to 215,412 units, compared with 151,754 in February and 152,933 in March, 1938. Shipments in March totaled 210,580 against 155,403 in February and 150,854 in March last year. Stocks of the light drums amounted to 9,271 according to the Bureau of Census.

Bolivia Imported Chemicals Worth $1,750,000 in 1938

Imports of chemicals and related products into Bolivia in 1938 were valued at about $1,750,000, and consisted mainly of industrial chemicals valued at $160,000; medicinals, pharmaceuticals, and biologics, $350,000; toiletries, $75,000; soaps, $50,000; coal-tar and other synthetic organic products, $160,000; pigments, paints, and varnishes, $70,000; and miscellaneous chemical products, including natural organic products, polishes, glues, floor waxes, industrial explosives, and matches, $835,000. The United States, Germany, Chile, Norway and Belgium, were the principal sources of such imports, according to a report from the American consulate in La Paz.

Tariff Commission Analysis Of Parcel Post Imports Issued

The Tariff Commission has issued the results of the first analysis of parcel post entries of foreign merchandise made in the 25 years of the parcel post system. The study shows that imports for the last quarter of 1937 through the 24 ports covered amounted to $2,404,020, of which $34,008 was for chemical and related products. Only entries by parcel post valued under $100 have been included. The analysis covers the imports at the more important Atlantic coast ports, at selected ports on the Pacific coast, the borders, the Gulf coast, and at certain customs districts in the interior.

Linseed Oil Exports in 1938 By Netherlands Show Drop

Total exports of linseed oil from the Netherlands dropped from 83,813 metric tons in 1937 to 75,856 metric tons in 1938. Netherlands imports of linseed also declined to 289,145 metric tons in 1938 from 310,998 metric tons in the previous year.

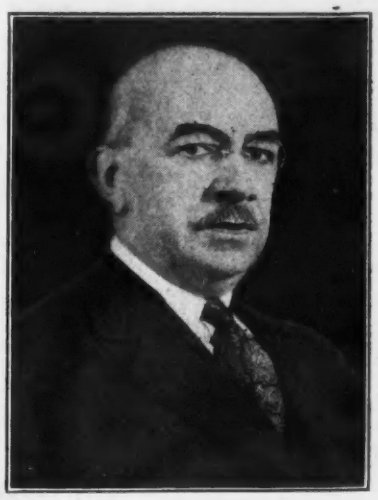
Germany's consumption of medicinals in 1938 were estimated at $104,000,000.

Obituaries

R. E. Lee Williamson

R. E. Lee Williamson, manager of the Mutual Drug Company, cooperative wholesale druggist, Cleveland, and secretary of the Federal Wholesale Druggists Association since 1918, died in his home in Baltimore, April 29, following a prolonged illness. He was seventy years of age.

Born in Baltimore, Mr. Williamson was educated at the Baltimore College of Pharmacy, which subsequently became the school of pharmacy of the University of Maryland. He started his



R. E. Lee Williamson

business career as a salesman for the Winkelmann & Brown Company, wholesale druggist, and in 1894 entered into a partnership to open a retail drug store with Frank Watts, which partnership remained in existence until 1913, when he went into the retail drug business on his own account. He continued in the retail drug business until 1914, when he was named manager of the Calvert Drug Company, cooperative wholesale druggist, Baltimore, remaining in that position until 1928, when he resigned from the Calvert organization to manage the Mutual Drug Company.

Although the headquarters of the Mutual Drug organization is in Cleveland, Mr. Williamson maintained his office in Baltimore, where the plant of the Burroughs Brothers Manufacturing Company, controlled by the Mutual Drug interests, is located. He had also been treasurer of the Noxzema Chemical Company, Baltimore, since 1917.

He was a former president of the Maryland Pharmaceutical Association, and as chairman of the committee of that body on the school of pharmacy of the University of Maryland was instrumental in obtaining a new building for the pharmacy school. He served as president of the Baltimore Retail Druggists' Association for more than fifteen years.

Surviving are his wife, Mrs. Grace Williamson, and a daughter, Mrs. Charles Keller, of Frederick, Md.

—

In the death of Lee Williamson the drug industry loses a leader whose role was peculiarly important and ably performed. He combined soundness of judgment with a keen mind, and he was able to see through a mass of irrelevancies to the nub of a question of whatever complexity. Lee Williamson performed yeoman service in the particular cause which he had embraced in the field of drug distribution. Steadfast to his chosen purpose, he was nonetheless understanding of the viewpoints of others, and those with whom he at times most vigorously contended respected him and knew him as a friend. His personality made for friendships; many there are who, because of this, poignantly feel his loss.—Editor, OIL, PAINT AND DRUG REPORTER.

Amos L. Beaty

Amos L. Beaty, long prominent in the petroleum industry, died April 29 in his home in this city after a brief illness. He was sixty-nine years of age.

Born in Red River County, Tex., Mr. Beaty studied law in the office of Chambers & Doak, Clarksville, began the practice of law at Sherman, Tex., in 1892, remaining there 15 years. In 1906 he served as president of the Texas Bar Association. In 1907 he went to Dallas to serve as attorney for the Texas Company. In 1910 he moved to Houston to

—*Continued on page* 56

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These solvents are produced by America's leading manufacturer of coal-tar products. They have been found valuable in many industries not only to improve products but also to cut production schedules and costs.
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Coaltar Chemicals

Bituminous Coal Strike Continues as Drag on Market Outlook —Coaltar Solvents Continue Firm—Phenol Demand Good —Intermediates, Acids and Colors Steady

A steady to firm price tone characterized dealings in the market for coaltar chemicals last week. While business showed some irregularity, most products moved in fairly good volume. The bituminous coal shutdown naturally remained a drag, and created some uncertainty as to the immediate outlook. However, hopes were held that conferences might be saved from failure and prevent a widening of the tie-up to other sections of the country.

The firmness in coaltar solvents continued to reflect restricted production and sufficient demand from domestic and foreign sources to absorb practically all the available material. Sellers were not able to accept large inquiries for future delivery with any degree of certainty that production will be adequate to take care of the demand under the circumstances. The outlook for immediate improvement was obscure in view of the lower steel operations and the uncertainty prevailing over the coal strike. Stocks of coal already on hand or available were estimated to be adequate to meet normal needs through the month. The situation in the East was more critical than in the West.

Movement of refined naphthalene to consumers was retarded to some degree by unfavorable weather. No further developments occurred in the crude material, but a firm tone was still evident in the imported material. Cresylic acid was irregular; domestic prices, however, failed to reflect any unsettlement because of the sluggish situation in the foreign grades. Demand for phenol was generally satisfactory; export demand lacked any feature. Pyridine remained scarce. Cresols were fairly well taken. Creosote oil was in slightly better demand, but large factors failed to exert any unusual interest.

Withdrawals of coaltar acids and intermediates were modest in most instances. Maleic acid nitrobenzene, dimethylanilin and phthalic anhydride provided most of the volume. Coaltar colors were taken in moderate quantities, reflecting the conservative purchasing by textile and leather consumers. March imports of coaltar colors, dyes and stains amounted to 397,753 pounds valued at $596,613, of which Germany and Switzerland supplied the bulk.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.6	125.6	125.6	127.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The outlook for the market was one of continued firmness in view of the declining activity in the steel industry and the prolonging of the soft coal strike. Stocks of material were negligible, and demand from domestic and foreign sources was sufficient to absorb the available quantities. Quotations were without alteration. Exports of benzol from the United States during the first quarter of 1939 amounted to 4,887,100 gallons, valued at $730,737, compared with 1,707,871 gallons, valued at $299,441, during the corresponding period of 1938. Production of benzol in the United States during the first quarter of 1939 estimated by the Pureau of Mines from the production of coke at byproduct ovens which reported recovering this commodity increased to 22,992,000 gallons from 17,728,000 gallons in the corresponding period of 1938.

Carbazole. — Dyestuff manufacturers were displaying modest interest in the market, and commitments were not very large last week. A steady to firm price tone prevailed.

Coaltar.—The market for crude and refined material remained strictly routine last week. Quotations were without alteration.

Creosote Oil. — The market noted some slight expansion at this time, but large railroads and utilities were not exerting too much interest in the market as yet. Pricewise no change took place. March imports amounted to 840,573 gallons, valued at $89,949, of which 790,437 gallons came from the United Kingdom and 48,715 gallons from Canada.

Cresol.—The USP and synthetic resin grades were taken quite steadily, although the disposition to limit commitments to nearby requirements was prevalent in most instances. No change was disclosed in the quotations.

Cresylic Acid. — Conditions in the market remained highly irregular insofar as the demand was concerned, with some reports indicating that consumers were showing comparatively good interest in the market, while others were lagging behind. Domestic prices held at the same levels. The situation in the import market was still about unchanged, with stocks of foreign material overhanging the market at abnormally low levels. March imports totaled 128,456 gallons, valued at $47,551, of which 126,874 gallons came from the United Kingdom.

Naphthalene.—The weather still held back a heavier movement of refined material to consuming channels, while interest in the crude was about routine. Quotations were without change. A firm tone prevailed in the import market and supplies of material were none too plentiful. Quotations were generally held at the $1.65 per 100 pound basis. March imports aggregated 5,530,524 pounds, valued at $76,881, of which 2,627,614 pounds came from Russia; 331,395 pounds from Belgium; 892,472 pounds from Czechoslovakia; 559,968 pounds from Germany; 551,175 pounds from Netherlands and 403,900 pounds from the United Kingdom.

Oil, Shingle Stain.—Shipments were moving at a slightly better pace, but were not considered entirely up to normal proportions for this time of the year. A steady to firm price tone remained in evidence.

Phenol.—Demand as a whole held at moderately active levels in this direction last week. Aside from the fairly steady interest displayed by the plastic trade other consumers were well represented from time to time. There was little activity in the export market. Pricewise, quotations were well sustained, and a steady tone governed the dealings.

Pyridin.—The situation in the market remained about the same as in the past several weeks, with stocks of material well sold up, and current production insufficient to supply the demand. Quotations ruled firm.

Tar Acid Oils.—Withdrawals were not particularly large, but sellers could point to a satisfactory amount of business from most consuming channels throughout the week just ended. No change was disclosed in the quotations.

Toluol.—The statistical position of the market displayed little deviation from the preceding period, and with current production well disposed of the tone of the market continued very firm.

Xylol.—Demand was sufficient to absorb the output, and stocks of material failed to accumulate. The outlook for increased production remained uncertain in view of the lower steel operations and the prolonged coal strike.

Chicago Coaltar Bases

Continuing good demand is noted for various grades of coaltar bases, with a price structure that seems to be considered as being in fairly steady position. Movement of benzol on orders is in favorable comparison with that noted earlier. Toluol business is in fair aggregate. Inquiries are holding up. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.;

—Continued on page 37

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Barrett Co. to Erect Synthetic Phenol Plant

The Barrett Company, a subsidiary of Allied Chemical & Dye Corporation, will immediately construct a new unit at its Frankford, Pa., plant for production of synthetic phenol. This new plant of the Barrett Company, a supplier of phenol to the chemical industry for over sixty years and to the plastics industry since the establishment of the latter in this country, will provide facilities to supply the increasing requirements of the rapidly expanding domestic plastics industry. In 1937 the Barrett organization constructed a plant for the production of phthalic anhydride, which is also an important raw material of the plastics industry.

DuPont Get Patents On Fabrics Made of 'Nylon'

Four patents for hosiery and other knitted fabrics made of 'nylon,' the new organic textile fiber derived basically from coal, water and air, were issued to E. I. du Pont de Nemours & Company by the U. S. Patent Office, May 9. The patents cover the use of polyamide yarn for stockings, pre-boarding of stockings, setting yarns and fabrics, and the use of soda sulphite for setting.

German Dyestuffs Exports Register Sharp Decline

Aggregate shipments of dyestuffs by Germany to foreign markets during 1938 amounted to 27,505, metric tons, valued at $43,865,000, a decrease of 11,000 tons, or $14,875,000, compared with 1937. The 1938 exports were the lowest recorded in a number of years, according to American consular office in Frankfort-on-Main.

Australian Chemical Industry Reported Making Progress

London, May 5, 1939

Marked progress has been made by Imperial Chemical Industries of Australia and New Zealand, Ltd., in the manufacture of explosives and alkali products in Australia. Already explosives are being turned out, and nitrocellulose will be manufactured shortly. Salt fields for the production of alkalis in South Australia have been completed.

Coaltar Chemicals

Basic Products

—Continued from page 36

solvent naphtha, 26c.; cresote oil, grade 1, 13c. to 14c.

Coaltar Acids

Anthranilic. — Business was not very brisk in the market for the refined and technical material last week. Quotations were without change.

Fumaric.—Trading was strictly routine throughout the past week. Prices were in line with those established some time ago.

Gamma.—Demand was held to moderate proportions in practically all instances. No change was disclosed in the quotations.

Maleic.—Contract and spot business was fairly steady, but large consumers were not extending commitments beyond necessary requirements. Prices ruled steady to firm.

Succinic.—A firm price tone characterized the dealings throughout the week just ended. Withdrawals were not particularly heavy, but orders for moderate quantities were quite steady.

Other Intermediates

Alphanaphthylamine.—Trading in the market was held to modest quantities in most directions last week. Pricewise no new developments occurred, and a steady to firm tone predominated.

Anilin Oil.—Shipments were moving at a steady pace, although volume was not particularly large in most instances. Sellers were adhering to quotations in force previously.

Benzidine Base.—The market was rather dull, and transactions were usually on a hand-to-mouth basis. Quotations ruled firm.

Dimethylaniline.—There was no particular expansion noted in the market from large consuming channels, but orders made their appearance steadily for moderate-size quantities. No change was disclosed in the quotations.

Dinitrotoluene.—Consumers were entering the market when needs became urgent, and buying was mostly on a hand-to-mouth basis. Quotations ruled unchanged.

Nitrobenzene.—Shipments were mov-

ACIDS

Phenol . Ortho Cresol . Cresol U. S. P. . Cresylic Acid . Meta Para Cresol . Xylenol . High Boiling Tar Acids.

CHEMICALS

Acenaphthene . Anthracene . Carbazole . Fluorene . Methyl Naphthalene . Phenanthrene . Naphthalene.

OILS

Neutral Oil . Tar Acid Oil . Light Oil . Creosote Oil . Coal Tar Oil . Brushing Oil.

INDUR PLASTICS

Insulating Varnish . Laminating Varnish . Molding Powder . Molding Resin.

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MAY 1939 XUM

ing against contracts in fair volume, while spot orders were making their appearance in moderate fashion. Prices were firm.

Orthonitrotoluene. — There was little feature to the trading, and usual consumers were still displaying caution in making large size purchases. No change was disclosed in the prices.

Phthalic Anhydride. — Withdrawals for the synthetic resin and plastic trade provided the market with a satisfactory volume of business last week. Prices continued unchanged.

R. Salt.—Little of importance was uncovered in this direction, and business was strictly routine. Prices were steady to firm.

Xylidin.—Demand was only moderate, and orders were usually placed for nearby requirements. Sellers were adhering to quotations prevailing for some time.

Coaltar Colors

Demand for coaltar colors was held to moderate levels throughout the past week. Conservatve purchasing, noted for some time was still prevalent, and consumers were not expanding orders appreciable in most major lines. Activity in textiles was somewhat lower, while leather and other lines were making only fair progress. The tone of the market continued steady to firm. Export of coaltar colors, dyes and stains from the United States during the first quarter of 1939 totaled 2,127,730 pounds, valued at $1,044,980, an increase in poundage of about 18 percent and in value of approximately 32 percent from 1938 exports during the corresponding period of 1,806,009 pounds, valued at $790,378.

Toronto Production Club Studies Carbon Blacks

The Toronto Paint and Varnish Production Club, at its April meeting, was addressed by L. J. Venuto, of the Binney & Smith Company, New York. Mr. Venuto discussed the various types and grades of black pigments and their general manufacturing processes, with particular emphasis on carbon blacks. Following his addresses, Mr. Venuto answered numerous questions dealing with grinding, drying, color and moisture. It was announced that A. E. Staudermann, president of the Federation of Paint and Varnish Production Clubs, would be present at the May meeting.

Lacquer Sales Up

Sales of clear lacquers, pigmented lacquer bases and dopes, and thinners by 158 manufacturers, as reported to the Bureau of Census for the first quarter of 1939 and a comparison with a similar period in 1938 were as follows:—

	1939.	1938.
Clear lacquers.....gals.	2,296,572	1,899,387
value.	$3,027,744	$2,569,578
Pigmented lacquers.... gals.	2,595,273	1,986,213
value.	$5,507,705	$4,336,589
Lacquer bases and dopes .....gals.	651,023	422,312
value.	$711,990	$510,812
Lacquer thinners..gals.	4,820,981	3,626,926
value.	$3,029,409	$2,443,683
Totals .....gals.	10,363,849	7,934,838
value.	$12,276,758	$9,860,662

Need for Paint Emphasized In April *Witcombings*

The existence of a tremendous, undeveloped market for paint and other protective coatings is the topic treated in the lead article of the April issue of *Witcombings*, house-organ of Wishnick-Tumpeer, Inc., chemical and pigment manufacturer, this city. The article praises the efforts of such bureaus as the Council for Paint Styling which have been organized in an attempt to realize on the need for paint. Another interesting item in the issue is entitled "Aromatics for Printing Inks." A copy of the booklet may be secured by addressing the Wishnick-Tumpeer organization, mentioning the OIL, PAINT AND DRUG REPORTER.

Neville Issues Products List

A new eight-page leaflet listing and describing the complete line of coaltar products produced by the Neville Company, Pittsburgh, Pa., has been published. Included are the Neville synthetic resins; solvents; plasticizing oils; coaltar oils; tar products; and the specialty products, such as wood preservatives, insecticides, cleaners, and protective paints and coatings.

Reardon Made President Of St. Louis Paint Club

J. Vincent Reardon, president of the Reardon Company, St. Louis, has been elected president of the St. Louis Paint, Varnish and Lacquer Association. Also elected were:—Vice-president (formerly president), D. L. Rummel, of the Cook Paint & Varnish Company; secretary, R. J. Ferree, of the National Lead Company; and treasurer, J. E. George, of the P. D. George Company.

J. Vincent Reardon

New directors named were:—W. C. LaRue, of Benjamin, Moore & Co.; W. J. Phelan, of the Phelan-Faust Paint Manufacturing Company; Edward Lanz, of the American Can Company; and George Dunford, of the Inter-Coastal Paint Company. The new official family will be installed at the forthcoming May meeting, which also marks the fifty-fourth year of the association.

Mr. Reardon with his election serves as president of the organization a second time. He had already served in that capacity in 1923, previous to which he had held the offices of vice president and secretary of the group. He is also a member of the executive committee of the National Paint, Varnish and Lacquer Association. A native of St. Louis, Mr. Reardon heads the company established in that city in 1883 by his father, James A. Reardon, under the name of the Reardon Glue Company.

N.P.V.L.A. Credit Group Reviews Activities

Philadelphia, Pa., May 2, 1939

The national credit and collections committee of the National Paint, Varnish & Lacquer Association held its first 1939 meeting at the Union League, April 27, when the work of twenty-nine local associations as to their credit and collection activities were reviewed. It developed that with only two exceptions all the local associations either have their own credit and collections group or conduct their work in conjunction with an allied group or the National Association of Credit Men.

Bids Wanted

Asphalt:—4,000 gallons; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 392, opening May 10.

Cement, Rubber to Metal:—2,550 pint cans; Contracting Officer, Materiel Div., Air Corps, Wright Field, Dayton, O.; procurement 999, opening May 11.

Enamel, Black Synthetic Automobile:—1,000 gallons, various deliveries. Purchasing Agent, Post Office Department, Washington, D. C., procurement 230, opening May 17.

Quick-Drying:—1,000 gallons, olive green, various deliveries; Purchasing Agent, Post Office Department, Washington, D. C.; procurement 228, opening May 15.

Gasoline:—900,000 gallons; General Purchasing Officer, The Panama Canal, Washington, D. C.; schedule 3461, opening May 19.

Aircraft Engine:—200,000 gallons; Contracting Officer, Materiel Div., Air Corps, Wright Field, Dayton, O.; procurement 1022, opening May 9.

40,000 gallons; Contracting Officer, Materiel Div., Air Corps, Wright Field, Dayton, O.; procurement 1021, opening May 9.

Ice Preventive Fluid:—1,400 gallons; Contracting Officer, Materiel Div., Air Corps, Wright Field, Dayton, O.; procurement 989, opening May 10.

Ink, Blue-Black Writing:—7,200 quarts, various deliveries, Purchasing Agent, Post Office Department, Washington, D. C.; procurement 241, opening May 17.

Kerosene:—1,350 gallons, various deliveries; Purchasing & Contracting Officer, First Army Maneuvers, Plattsburg Barracks, N. Y.; procurement 678-37, opening May 11.

200,000 gallons; General Purchasing Officer, The Panama Canal, Washington, D. C.; schedule 3461, opening May 19.

Lime, Hydrated:—110,000 pounds, various deliveries, Purchasing & Contracting Officer, First Army Maneuvers, Plattsburg Barracks, N. Y.; procurement 678-37, opening May 11.

120,000 pounds; U. S. Engineer Office, Fort Peck, Mont.; procurement 312, opening May 11.

Unslacked:—1,200 bushels; Supply Office, Navy Yard, Philadelphia, Pa.; requirement 36 NSA, opening May 15.

Oil, Crude:—13,000 gallons, various deliveries; Purchasing & Contracting Officer, First Army Maneuvers, Plattsburg Barracks, N. Y.; procurement 678-37, opening May 11.

Linseed, Raw:—800 gallons; Purchasing & Contracting Officer, Q. M. Corps, Fort Benning, Ga.; procurement 148-124, opening May 16.

Lubricating:—500 gallons; Contracting Officer, Materiel Div., Air Corps, Wright Field, Dayton, O.; procurement 1021, opening May 9.

Paraffin:—5,000 gallons; Commanding Officer, Springfield Armory, Mass.; procurement 428, opening May 11.

Oxygen:—5,280 cubic feet; Warden, Federal Reformatory, Petersburg, Va.; procurement 470, opening May 24.

Soap, Grit:—6,750 pounds; Procurement Div., Bureau of Supply, Treasury Department, Washington, D. C.; procurement 5811-S, opening May 10.

Scouring Compound:—1617 barrels, various deliveries; Purchasing Agent, Post Office Department, Washington, D. C.; procurement 236, opening May 15.

Tar:—360 pounds; Procurement Div., Bureau of Supply, Treasury Department, Washington, D. C.; procurement 5811-S, opening May 10.

Sodium Metaphosphate:—5,000 pounds; Supply Office, Navy Yard, Philadelphia, Pa.; requirement 45 NSA, opening May 15.

White Lead in Oil:—15,000 pounds; Purchasing & Contracting Officer, Q. M. Corps, Fort Benning, Ga.; procurement 148-124, opening May 16.

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Paint, Varnish, Lacquer Materials

Varnish Gums Market Attracts Interest—Several Price Advances Made—Naval Stores Quiet—Most Materials Firmer —Construction Contracts Show Sharp Rise

Paint, varnish and lacquer chemicals moved into consumption at a healthy rate last week and the basic position of the market for most materials gained firmness. The most noteworthy feature of the market was the activity of varnish gums. the result of which was several price revisions, most of them advances.

Rosin and turpentine were quieter in primary centers last week but the tone of the markets remained steady or firm as offerings continued light, much of the material arriving being moved into storage under the government loan. Marketing of the crop thus far this season has been disappointing, the lighter movement than expected being attributed mainly to unfavorable weather, temperatures in many sections being abnormally low for this period of the year.

Construction contracts rose sharply during the first three weeks in April to score a 61 percent gain over the corresponding period last year. Total contracts during April 1-22 amounted to $231,001,000, compared with $143,346,000 in the similar period of 1938, according to F. W. Dodge Corporation.

Imports of casein into Japan during 1938 totaled 8,022,877 pounds, a sharp drop from the 1937 imports of 15,052,352 pounds. The reduction was partly due to curtailment of shipments from Argentine. Imports from the South American country are likely to be completely suspended this year due to the increasing boycott of Japanese goods in Argentine and the apparently hopeless position with regard to renewal of the trade treaty between the two countries which is about to expire.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, Loba B, ⅜c. per lb.
C, ⅜c. per lb.
DK, ¼c. per lb.
MA, ¼c. per lb.
Philippine amber sorts, ¼c. per lb.
Rosin, gum, dark, 5c. per 280 lbs.

Reduced

Gum, Batavia Dammar, AD, ⅜c. per lb.
C, ⅜c. per lb.
D, ⅜c. per lb.
Isobutyl alcohol, refined, 7/10c. per lb.
Rosin, gum, medium, 5c. to 10c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.7	131.7	131.7	130.4

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The markets for pig lead and slab zinc continued without feature last week. Shipments of both metals were merely routine, although they were slightly better than two weeks ago. Many quarters reported that the lead price was firm to strong, although few would predict a price advance. The domestic zinc market was still suffering from lack of support on the London Metal Exchange. Zinc sales were not very impressive.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from April 29 to May 5, inclusive, were as follows:—

	Pigs — Per pound — New York.	E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0475@.0480	$0.0460	14	12	6
Monday	.0475@.0480	.0460	14	12	0
Tuesday	.0475@.0480	.0460	14	8	3
Wednesday	.0475@.0480	.0460	14	6	3
Thursday	.0475@.0480	.0460	14	7	6
Friday	.0475@.0480	.0460	14	6	3

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from April 29 to May 5, inclusive, were as follows:—

	Slabs — Per pound — New York.	E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0490	$0.0450	13	10	0
Monday	.0490	.0450	13	10	6
Tuesday	.0490	.0450	13	10	6
Wednesday	.0490	.0450	13	10	0
Thursday	.0490	.0450	13	11	3
Friday	.0490	.0450	13	11	3

Pigments

A good pick-up in the volume of business last week consolidated the firm positions of most materials in this group. Zinc oxides and titaniums continued to be the pacemakers of the division alhough lead derivatives showed noticeable improvement.

White Lead.—Demand was better than had been reported for several previous weeks. Inquiries for future delivery also picked up and gave promise of a firm market for this month. Price was unchanged.

Red Lead.—The market held the level it gained two weeks ago and the general undertone was reported firm. More material was being ordered out and producers believed the increased activity will continue throughout the month. The price continued unchanged at the quoted level.

Litharge.—Similar to red lead the market for this pigment showed improvements this week. Buyers were evidencing a bit more interest and the price took on a firmer tone.

Titanium Pigments. — For several weeks titaniums have been one of the most active pigments and last week was no exception. Buyers showed interest in offerings and prices were firm.

Lithopone.—The market was active although no increases in demand were registered. The price was firm.

Zinc Oxides. — Demand continued heavy and suppliers were shipping out material in good volume. All prices continued at the quoted levels.

Fillers and Extenders

Seasonal improvements for most raw materials were reflected in the shipments of inert pigments and extender products last week. Demand picked up and smaller buyers were showing more interest in offerings.

Barytes.—The domestic material fluctuated fractionally around the level reported in the last issue. The price continued firm at the quoted level.

Talc.—A slight pick-up in demand was reported by most sellers last week. Since the beginning of the year the market for talc had been somewhat spotty but the irregularity was apparently removed by a keener interest on the part of buyers during the period under review.

Putty.—The market for this material has been firm for several weeks with no price changed since the last report. Shipments last week were about as expected for this time of year.

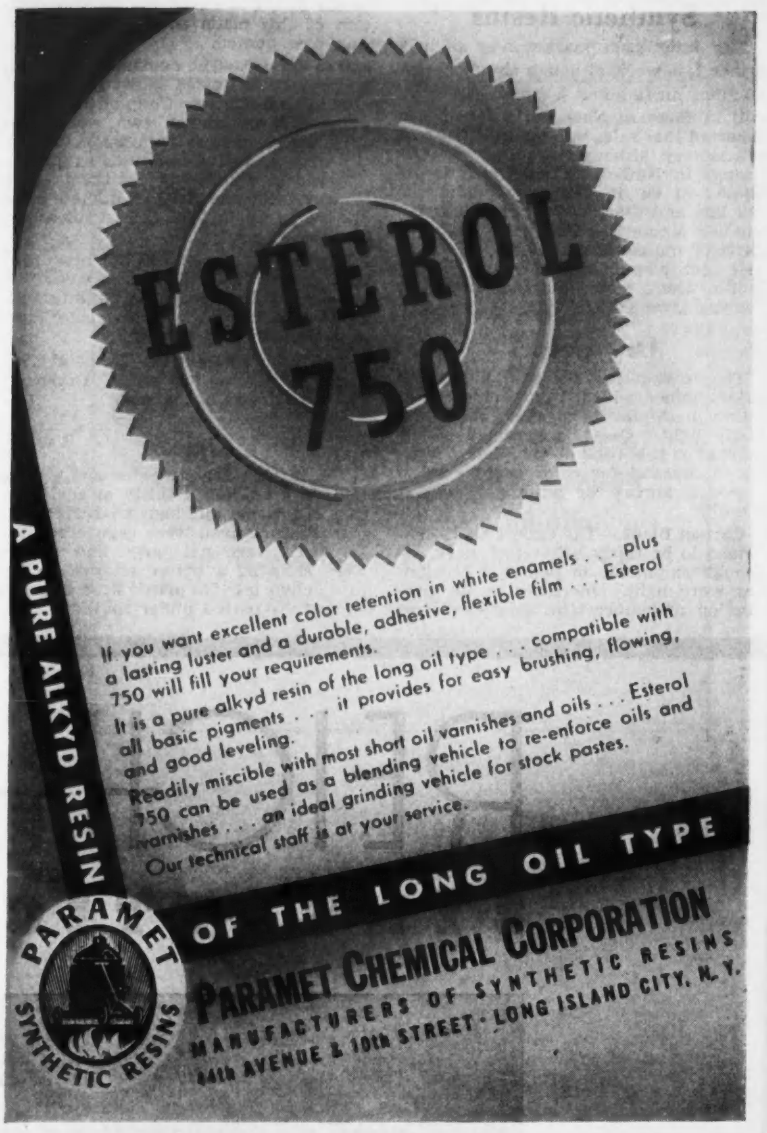
Varnish Gums

The market suddenly came to life last week and buyers began calling out more material. Several types of copal gums were advanced while dammars were reduced.

Copal.—Loba B was advanced ⅜c. per pound to 10⅛c. Loba C was increased ⅝c. per pound to 9⅝c. Loba DK was being offered at 5⅞c. per pound, a ¼c. increase over the previous price. Loba MA was increased ¼c. per pound to 6⅛c. Philippine amber sorts were advanced ¼c. to 6½c. per pound. The market was very active and shipments were better than had been reported for several previous weeks.

Dammars.—Batavia dammar AD was reduced ⅜c. per pound to 13⅝c. Batavia C was reduced ⅜c. per pound to 14⅛c. Sellers were offering Batavia D at 12¼c. per pound, a reduction of ⅜c.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7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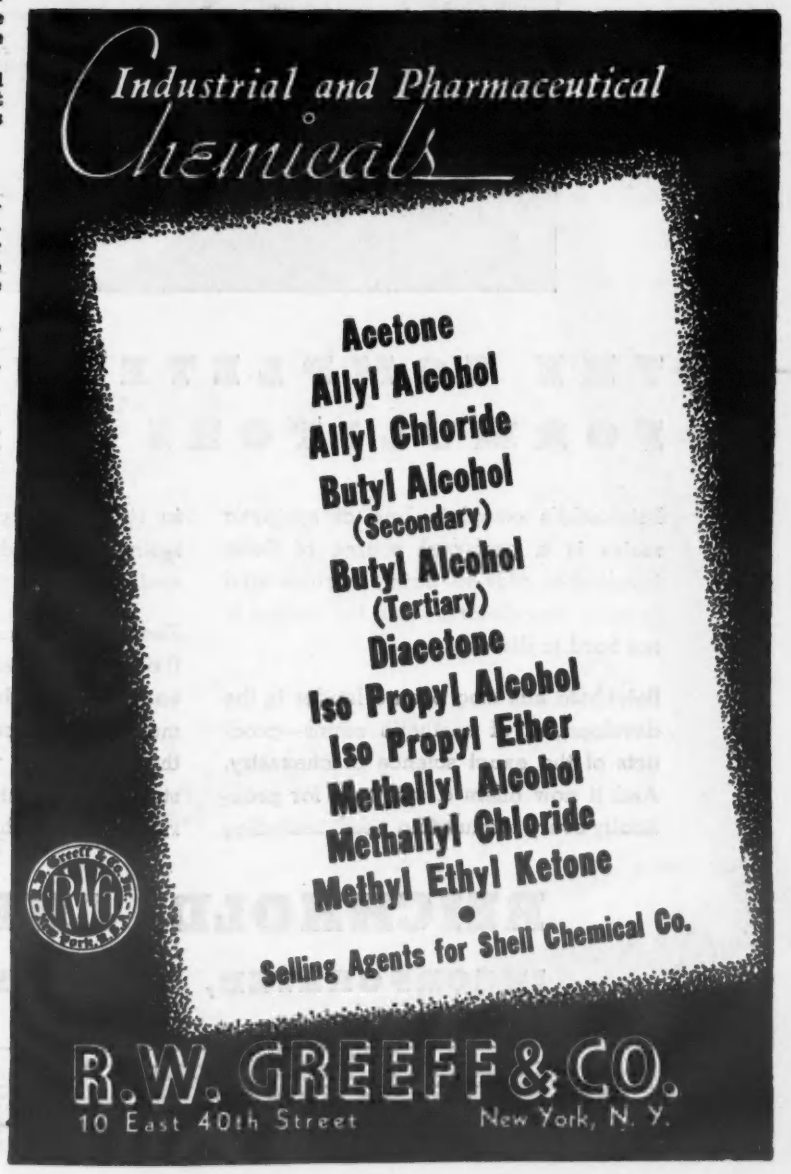

Synthetic Resins

The ester gum market was slightly firmer last week although the price reductions made about a month ago were still in force in New York. Suppliers reported that sales volume in April was satisfactory although not heavy. Offerings in New York continued to be quoted at 6c. to 6¾c. per pound for car lots and 6½c. to 7c. per pound for smaller amounts. The price in other parts of the country remained at 7c. to 7½c. per pound, except in the middle South, where material was available at slightly lower rates.

Dry Colors

The market for chemical and earth colors gained added firmness last week, although shipments to consumers were fairly light. Quiet is expected in the market at this time of year but a pick-up in demand for color ingredients is expected during the latter part of this month.

Carbon Black.—The export trade continued to be fairly active last week, although shipments to domestic consumers were light. Increases in the production of rubber tires this year have so far failed to effect the market position of this material. The price continued as quoted.

Iron Oxides.—The demand for natural and synthetic oxides showed small increases last week. Coupled with the better interest shown two weeks ago these gains gave a firm undertone to the market. Prices continued as quoted.

Mercuric Oxide.—Demand continued healthy last week with a quoted price of $1.56 per pound for the technical red material.

Sienna. — Open-order business was held to small-sized lots last week, although sellers reported a slightly better tone in the market. The price continued steady and unchanged.

Green Chrome Oxide.—Demand continued to pick up last week. Pricewise the market was unchanged.

Driers

The market for stearates and palmitates was holding a fairly steady position last week, although no further increases in demand were registered. Inventories were not large and buyers were showing a better interest in future deliveries. No prices were changed during the period under review.

Naval Stores

Southern markets for naval stores were quieter last week so far as new business was concerned, and there were few developments of more than ordinary interest. The tone in general appeared to be firm, however, as receipts were below expectations, while the movement of rosin into consuming channels on contracts previously placed apparently held up rather well despite reports from parts of the country of a slowing down in business in certain fields. On the other hand, there was a disposition in some quarters to take a more hopeful view of the European political situation, while reports concerning the trend in branches of industry in which rosin and turpentine are used to an important extent as a raw material were mainly of an encouraging character.

Changes in rosin and turpentine prices in primary centers were mainly within comparatively small limits. Offerings were generally light, much of the material arriving from the interior being moved into storage under the government loan. The failure of the crop movement to expand in the way that had been expected with the advance of the season was attributed mainly to unfavorable weather conditions, temperatures in many parts of the South being abnormally low for this period of the year. There was an impression in some circles here that if unseasonable weather should continue to prevail for another week or two, estimates of the production for the season will have to be revised downward.

Turpentine.—The local market was quieter last week. In some quarters fair volume of inquiries was noted, but purchasing was generally limited to small lots, with the movement of such quantities lighter than in the previous week. Price movements were narrow in the absence of wide changes in primary centers where offerings continued rather small.

SAVANNAH, May 5.—The turpentine market had a firm undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	24¼	118	231	1,134	33,353
Tuesday	24¼	137	311	200	33,465
Wednesday	24¼	32	129	230	33,363
Thursday	24¼	90	289	160	33,492
Friday	24¼	49	225	...	33,717

* No trading.

JACKSONVILLE, May 5.—Turpentine was quiet. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	24¼	...	246	...	46,060
Tuesday	24¼	...	153	1,700	44,513
Wednesday	24½	...	77	422	44,168
Thursday	24¼	...	160	...	44,328
Friday	24¼	...	114	...	44,442

* No trading.

PENSACOLA, April 29.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	56	...	26,989
Tuesday	106	...	27,095
Wednesday	69	...	27,164
Thursday	33	...	27,197
Friday	46	...	27,243
Saturday	46	...	27,289

CHICAGO, May 5.—Movement of turpentine in the trade is reported a little better. Ruling prices at the close of business last night were:—Five-drum lots, 32c. per gallon; five wood barrels, 37c.; single drums, 35c.; single barrels, 40c.

LONDON, May 5.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	35	0
Monday	35	0
Tuesday	35	0
Wednesday	35	0
Thursday	35	0
Friday	35	0

Stocks of American turpentine in London were:—

	May 5.	Previous week.	Last year.
Barrels	19,462	20,757	27,035

Rosin.—Price movements were narrow in the local market in company with the course of quotations in the South, where the tone was generally steady to firm. There was little change in the character of business here, such transactions as were reported still being limited to comparatively small or moderate quantities to fill the current needs of consumers.

SAVANNAH, May 5.—A firm tone continued to prevail in the market for rosin. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.25	$3.30	$3.30	$3.30	$3.30
D	...	3.50	3.60	3.60	3.60	3.60
E	...	3.80	3.80	3.80	3.80	3.80
F	...	4.10	4.12½	4.12½	4.12½	4.12½
G	...	4.80	4.75	4.75	4.75	4.75
H	...	4.95	4.95	4.95	4.95	4.90
I	...	4.97½	4.95	4.95	4.95	4.90
K	...	4.97½	4.95	4.95	4.95	4.90
M	...	5.05	5.00	5.00	5.05	5.05
N	...	5.35	5.30	5.30	5.30	5.30
WG	...	5.85	5.85	5.85	5.85	5.85
WW	...	6.40	6.40	6.40	6.40	6.40
X	...	6.40	6.40	6.40	6.40	6.40
		Barrels				
Sales	...	253	226	184	186	186
Receipts	...	907	1,183	480	1,310	610
Shipments	...	2,846	325	1,035	561	1,272
Stocks:—	...	279,055	279,913	279,358	280,107	279,445

* No trading.

JACKSONVILLE, May 5.—Rosin ruled firm. There was a steady movement to consumers. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.20	$3.20	$3.20	$3.20	$3.20
D	...	3.50	3.50	3.50	3.50	3.50
E	...	3.80	3.80	3.80	3.80	3.80
F	...	4.12½	4.12½	4.12½	4.12½	4.12½
G	...	4.80	4.75	4.75	4.75	4.75
H	...	5.00	4.90	4.90	4.90	4.90
I	...	5.00	4.95	4.95	4.95	4.95
K	...	5.00	5.00	5.00	5.00	5.00
M	...	5.10	5.10	5.10	5.10	5.10
N	...	5.35	5.35	5.35	5.35	5.35
WG	...	5.90	5.90	5.90	5.90	5.90
WW	...	6.50	6.50	6.50	6.50	6.50
X	...	6.50	6.50	6.50	6.50	6.50
		Barrels				
Sales	...	29	80	9	...	...
Receipts	...	1,337	1,295	682	524	834
Shipments	...	600	445	1,515	...	2,050
Stocks:—	...	271,537	272,387	271,554	272,078	270,862

* No trading.

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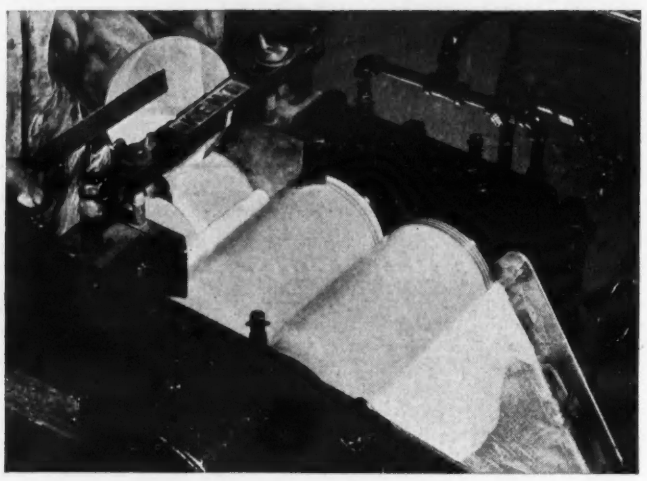

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PENSACOLA, April 29.—Changes in rosin quotations were within small limits. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	229	220	192	100	202	55
Shipments	1,075	420	8	219	...	366
Stocks ...	63,831	63,631	63,815	63,696	63,898	63,587

CHICAGO, May 5.—Business has picked up recently in the rosin market. Ruling prices at the close of business last night were:—B grade, $6.20 per lot of 280 pounds; G grade, $7.75; M grade, $8; W.W. grade, $9.40.

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LONDON, May 5.—Quotations on American rosin were as follows:—

	Per cwt in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	14	10½	19	3
Monday	14	10½	19	3
Tuesday	14	10½	19	3
Wednesday	14	10½	19	3
Thursday	14	10½	19	3
Friday	14	10½	19	3

Pine Oil.—Quotations were held at previous levels, and the tone of the market appeared to be firm. There was a fair movement to local and other consumers, though new business was generally reported as rather quiet.

Pitch.—The market continued to present the same steady appearance noted in recent preceding weeks. Business lacked snap, but there was a fair demand for moderate quantities.

Rosin Oil.—Business continued along conservative lines, consumers still being disinclined to purchase in advance of current needs. The tone of the market was steady.

Tar.—There was a fair movement into consuming channels on contracts and transient orders, and the market retained a steady tone.

Shellac

Very little change in prices developed in the foreign shellac markets last week and none was reported in local circles. There was a fairly steady sentiment prevalent so far as prices were concerned, but volume of local trading was not satisfactory and the returns in the way of profits to sellers were not stimulating. However, a fair quantity of shellac moved into and out of the market, showing that the item is having a fair consumption, albeit one that keeps profits cribbed, cabined and confined. Stocks were ample.

Calcutta, May 5.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	Per pound	
	May 5.	April 28.
May	9¼c.	9¼c.

Day-to-day prices were as follows:—

	Per pound.
April 28	9¼c.
*April 29	....
May 1	9¼c.
May 2	9¼c.
May 3	9¼c.
May 4	9¼c.
May 5	9⅜c.

* No cables.

London, May 5.—Prices quoted on London standard T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	May 5		April 28	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
May	35¾	7.80	34½	7.52
August	37¾	8.23	36½	7.95

Day-to-day closing quotations were as follows:—

	Per hundredweight			
	May.		August.	
April 28	34s	6d	36s	6d
*April 29	...	..	...	..
May 1	35s	..	37s	..
May 2	35s	3d	37s	3d
May 3	35s	..	37s	..
May 4	35s	6d	37s	6d
May 5	35s	9d	37s	9d

* No cables.

Lacquer Materials

Sales of lacquer materials and solvents continued on a satisfactory basis last week. Most reports were to the effect that consumers were showing steady interest in the market, and volume showed little signs of retracting. The reduction in refined isobutyl alcohol provided the market with the only new price development, other quotations were generally steady to firm. Production in the automotive industry showed signs of leveling off, but remain considerably above the similar period a year ago. A gradual tapering off in activity is foreseen from this point on, with weekly schedules closely correlated with consumer buying.

Acetone.—Nothing of importance developed in the market last week. Demand was held to moderate proportions, and quotations for drums and tanks remained unaltered.

Alcohol, Butyl.—Shipments against contract and spot business in the market for the normal and secondary materials continued steady. Quotations were in conformity with the preceding period.

Alcohol, Isobutyl.—Quotations were reduced 7/10c. per pound. The schedule follows:—drums, car lots, works, freight allowed, East of Rocky Mountains, .073c. per pound; less car lots, same basis, .078c. per pound and tanks, .063c. per pound.

Cellulose Acetate.—Business continued on a satisfactory basis, and volume was running well ahead of the same time a year ago. A steady to firm price tone characterized the dealings.

Dimethyl Phthalate.—Shipments were moving forward at a moderately active pace last week. No change occurred in

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the quotations, and a steady tone governed the transactions.

Ethyl Cellulose.—Various consumers were entering the market and withdrawals were on a favorable basis in most directions. No change was disclosed in the quotations.

Tricresyl Phosphate.—Sellers could point to a fairly steady interest in the market, and shipments were quite satisfactory. Pricewise no change was uncovered.

Glues and Binders

Casein.—Sellers continued to be at odds regarding the condition of the market last week with some factors reporting satisfactory demand and others slackness. Disagreement was also expressed concerning the price of the 20-30 and 80-100 mesh materials with the more optimistic suppliers offering material at 7½c. to 7¾c. per pound for the former and 8c. to 8¼c. per pound for the latter.

Glues.—Buyers continued to show a fair amount of interest in offerings, and shipments, although light, remained steady. The price schedule continued unchanged at the quoted level.

F.T.C. Order Hits Buying by Trade Ass'n

—Continued from page 3

the member companies making the purchases rendered any services to the sellers.

The brokerage fees were turned over by the service company to the member companies in the form either of money and credits or benefits and services such as services relating to purchasing, production, engineering, accounting, sales promotion, advertising, planning, publications and management assistance. This was accomplished under an agreement that the members pay dues to the service company and that the brokerage fees allowed by the sellers and collected by the service company be applied one-half to the credit of dues for the member on whose business a brokerage fee originated and one-half for services to all association members. Statistics based on 1936 purchases show that the service company collected $181,528 in brokerage fees that year, of which $90,760 was credited to the respective accounts of member companies.

Flaxseed Initial Shipment Made from Taft, Texas

Taft, Texas, May 4, 1939

The recent shipment of two cars of flaxseed to San Antonio was the first ever made from this locality. The seed was grown upon the large ranch here which was formerly owned by the late Charles P. Taft, Cincinnati, brother of former President William Howard Taft. The seed is being retailed at San Antonio for planting purpose at $1.50 a bushel. The flax crop will not become a major crop in Texas, it was predicted, but would be a good supplementary crop, eventually being increased to about 500,000 acres. Next year's crop will approximate 250,000 acres it was estimated.

N. Y. Paint Club to Hold Annual Meeting May 11

The annual meeting of the New York Paint, Varnish and Lacquer Association will be held in the Hotel Biltmore, this city, May 11. The report of the nominating committee will be acted upon and officers for next year will be elected and installed. Refreshments will be served at 6:15 p.m. and dinner will follow. An elaborate program of entertainment will follow the business meeting.

A. E. Russell, of Irving Weis & Co., broker in cottonseed oil this city, has applied for membership in the New York Produce Exchange.

Trade Ass'n Executives Discuss Antitrust Acts

—Continued from page 3

where concerted action insures orderly marketing conditions, or where competition has already been destroyed and enforcement would mean only economic dislocation in industries. He proposed the wider use of consent decrees in helping business to work out plans of cooperation under the sanction of law but declared that the Department of Justice will not give advisory opinions to business.

Colonel Rutherford outlined the problems of industrial mobilization which have been worked out by the planning branch of the War Department in order to provide a supply of military equipment in case of war without disrupting ordinary business. He paid high tribute to co-operation extended by trade associations in this work, saying that practically all of them had appointed committees to assist the Department in working with their member firms. He explained the system of educational orders under which selected plants are given orders for small quantities of essential military items which have no commercial counterparts in order that these plants may install equipment and make plans for quantity production on short notice.

Dr. Rice praised the co-operation of trade associations with the government in collecting statistics and explained the plan drafted by the Central Statistical Board for co-orpidating and simplifying the requests for statistics made to business by various government agencies. He stated that many government agencies have not endorsed the plan, but expressed hope that Congress would approve it.

Mr. Walling reviewed the experience of the Labor Department under the Walsh-Healey public contracts act and thanked the trade associations for co-operating in collecting statistical data. He expressed the hope that minimum wages set for government contracts will become the minimum throughout the industry.

Dry Colors Booklet Issued

The Krebs Pigment & Color Corporation, Wilmington, has released a booklet which describes the chemical dry colors required for matching two commercial standards of the National Bureau of Standards, which is doing constructive work toward color harmony, simplification and uniformity. The standards are CS-62-38 colors for kitchen accessories and CS-63-38 colors for bathroom accessories.

Matlack Made N.P.V.L.A. Budget and Finance Chairman

S. R. Matlack, of S. D. Wetherill & Co., Philadelphia, has been appointed chairman of the budget and finance committee of the National Paint, Varnish and Lacquer Association. Mr. Matlack is also treasurer of the association. Horace S. Felton, of Felton, Sibley & Co., Philadelphia, has been named to the budget and finance committee.

Other additions to the various committees of the National Paint, Varnish and Lacquer Association follow:—

National industrial sales, Charles H. Reed, of the Forbes Varnish Company, Cleveland; Harry Hall, jr., of the Boston Varnish Company, New York.

National trade sales, V. B. Robinson, of the Hanna Paint Manufacturing Company, Columbus; Val Wurtele, of the Minnesota Linseed Oil Paint Company, Minneapolis.

Steering, chairman, J. E. Ingram, of the Pittsburgh Plate Glass Company, Pittsburgh; L. F. Collister, of Sherwin-Williams Company, Cleveland; Matt Denning, of E. I. du Pont de Nemours & Co., Wilmington; A. R. DeVos, of Breinig Brothers, Hoboken, N. J.; Stanley C. Dunning, of New England Whiting Co., New York; C. W. Eastwood, of the U. S. Gutta Percha Paint Co., Providence; Horace S. Felton, of Felton, Sibley & Co., Philadelphia; Grover M. Hermann, of the American Asphalt Paint Co., Chicago, Ill.; Harry Hillman, of the Eagle Paint & Varnish Co., Brooklyn; George Jenkin, of Benjamin Moore & Co., New York; R. W. Lindsay, of Pratt & Lambert, Inc., Buffalo; E. D. Peck, of the Devoe & Raynolds Company, New York; R. A. Plumb, of Truscon Laboratories, Detroit; Harold Rowe, of the National Lead Co., New York.

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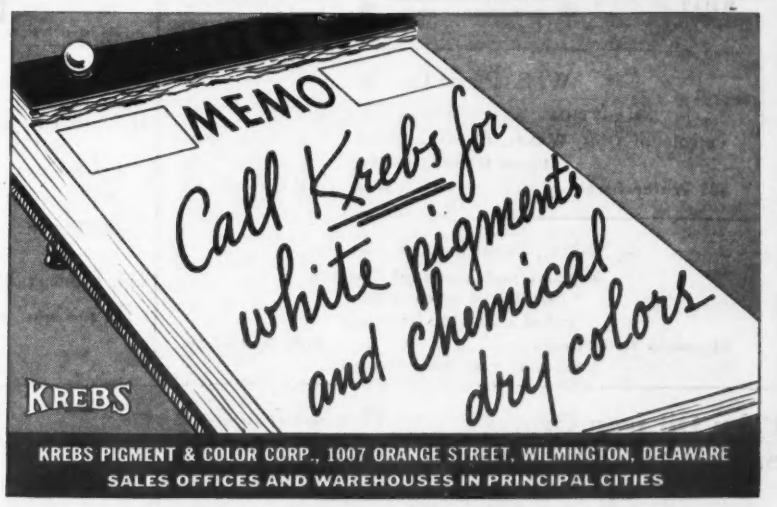

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Palm Oil Iron Drums Subject to 25% Duty

OPD Washington Bureau
May 1, 1939

The United States court of customs and patent appeals today decided that iron drums used as containers for imported palm oil are dutiable at 25 percent ad valorem as cylindrical vessels. In an appeal brought by Balfour, Guthrie & Company, Ltd., it was admitted that such drums are the usual, necessary, and ordinary containers of palm oil and that palm oil is on the free list of the tariff act of 1930, and that the cost of containers is recognized by the act as an item in the export value, but the court held that since there is nothing to indicate that the drums are single-trippers and may not be reused as containers for other articles in domestic commerce, they must be subject to the regular duty on imported articles of this type when empty.

Zinc Institute Re-Elects

Officers and directors of the American Zinc Institute elected at the annual meeting, held recently in St. Louis, were:—

President (re-elected), Howard I. Young, president of the American Zinc, Lead & Smelting Company; first vice-president (re-elected), C. A. Chapin, jr., of the St. Joseph Lead Company; second vice-president (re-elected), John A. Robinson, of the Commerce Mining & Royalty Company; third vice-president (re-elected), James O. Elton, of the International Smelting Company; treasurer, John L. Good, of the Eagle-Picher Lead Company, Hillsboro, Ill.; secretary (re-elected), E. V. Gent, of New York.

Handy Heads Celluloid Corp.

Truman P. Handy has been elected chairman of the board and chief executive officer of the Celluloid Corporation, Newark, N. J., of which he has been a director for several years. W. S. Landes will continue as president and George H. Richards as secretary and treasurer. For the last three years Mr. Handy has been in charge of yarn sales for the Celanese Corporation of America, which controls the Celluloid Corporation.

Chemurgic Conference In Columbus May 19

The mid-American Chemurgic Conference of representatives of Agriculture, Industry and Science will be held in Columbus, Ohio, May 19-20. The sponsors are the Ohio State Grange, Ohio Farm Bureau, Ohio State University, Ohio and Columbus Chamber of Commerce and the city of Columbus.

Among speakers Friday will be Larry F. Livingston, director of the agricultural extension division of E. I. du Pont de Nemours Company, and W. B. Newkirk, of the Corn Products Refining Company, Chicago. G. G. McIlroy, president of the American Soybean Association, and Dr. M. F. Taggart, director of research for the O'Brien Varnish Company, of South Bend, will address the conference on Saturday.

Italy's Chemical Industry Continued Active Last Year

Italy's production and consumption of chemicals and related products continued at high levels during 1938, according to a report from the American commercial attache in Rome. A total of 173 new chemical plants was authorized in 1938, bringing the number to 4,538 at the end of the year, official statistics show. The foreign trade of Italy in chemicals and related products balanced during the year with imports declining 20 percent from the 1937 total to a value of $29,500,000 while exports were valued at $29,700,000, or 2 percent under the preceding year.

Paint-up and clean-up campaign conducted in Kentucky from April 17 to 29 has been prolonged through May 5.

C. L. Von Egloffstein has resigned as president and director of the Certain-teed Products Corporation, this city, because he "was not in sympathy with the policy of the owners of the company."

Oils, Fats, and Waxes

Further Advance in Chinawood Oil Abroad and Here—Oiticica Up Again—Crude Coconut Higher—Narrow Changes in Cottonseed Oil Futures—Tallow Steadier

Business in miscellaneous oils, fats and greases remained quiet last week, although certain paint and edible products were fairly active at times. As a rule, however, purchasing was of the same small-lot variety noted in recent preceding weeks, the movement of such quantities being unimportant in the aggregate. On the other hand, offerings of many products were light, and the trend of prices was upward, with an improvement noticeable in sentiment in some circles concerning business prospects.

Chinawood oil was again the leading feature of the list of vegetable products, the trend of prices still being upward abroad and here, although trading in domestic centers was quieter than in the previous week. Oiticica oil followed chinawood upward. Perilla oil was unchanged at the close of the week, but the market was firmer in tone with reports of rather liberal sales. Crude coconut oil was advanced by local interests.

Cash lard was irregular, changes in quotations being moderate in the absence of wide fluctuations in futures. Domestic trade in lard was on a fair scale, but the export movement showed some decrease. Quotations on lard, neatsfoot, oleo and tallow oils were unchanged. Refined fish oils were firm, but prices were without quotable change. Crude sardine oil was lower. Tallow and greases ruled firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ⅛c. per lb.
Chinawood oil, ¾c. per lb.
Coconut oil, crude, ⅛c. per lb.
Cottonseed oil, Brazilian, ¼c. per lb.
Lard, 5c. to 25c. per 100 lbs.
Oiticica oil, ½c. per lb.
Peanut oil, ⅛c. per lb.

Reduced

Sardine oil, crude, 2c. per gal.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	**98.7**	**98.6**	**110.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The tone was firmer in company with competing product. Crude oil production during March quarter 14,746,585 pounds; consumption 12,256,862 pounds; factory and warehouse stocks at the close of March 4,195,977 pounds. Refined production, 7,312,294 pounds; consumption 5,509,728 pounds; stocks 566,896 pounds. Importations of nuts and kernels in March quarter, 14,563 tons.

Chinawood.—Domestic markets again had an upward trend. Buying interest slackened as a result of the rather sharp advance recently, but the strength abroad was the dominant factor. Offerings from China continued very light on the rise and importers and resellers here were not disposed to offer very freely in view of the uncertainty concerning replacements. Business was reported to have been closed here at 17¼c. per pound for tankcars with a still higher figure named in some quarters. According to some reports the volume of transactions closed for the week was smaller than in the previous period. Production of tung oil for the quarter ended with March was 1,085,150 pounds; importations 17,770,441 pounds; consumption 25,717,024 pounds; factory and warehouse stocks at close of March 53,712,099 pounds. Exports of foreign tung oil 836,572 pounds.

SAN FRANCISCO, May 2.—Business in chinawood oil has shown an improvement, with the price advancing during the week. Moderate bookings were noted. Hongkong cables are very firm. Quoted on the basis of from 17c. to 17½c. per pound in tankcars, f.o.b. Pacific Coast ports, for nearby or future delivery.

Coconut.—Crude was stronger, quotations being advanced ⅛c. by local sellers. There were reports of a somewhat better inquiry though the movement for the week was apparently limited to unimportant lots. Refined oil was in fair request at unchanged quotations. Importations of coconut oil during the March quarter 93,595,712 pounds; production of crude 75,456,686 pounds; consumption 154,407,550 pounds; factory and warehouse stocks at close of March 202,322,310 pounds. Refined production 75,063,517 pounds; consumption 64,957,105 pounds; stocks 13,735,218 pounds. Copra imports in March quarter 61,088 tons.

SAN FRANCISCO, May 2.—Crude coconut oil is quoted here on the basis of 2⅞c. to 3c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills, with buyers bidding unsuccessfully at 2¾c. Resale material appears to have been withdrawn. The copra market continues to register strength, and sellers are tending to hold back in the way of offerings. Buyers here on the Coast have apparently been unsuccessful in attacking the quoted level of 1.85c. per pound, c.i.f. Pacific Coast ports, for no business has been reported as coming through below that figure for some few days, and sellers at source are showing no indications of accepting business below this price. Trade has been of moderate proportions. Europe is said to be buying.

Corn.—A steady or firm tone prevailed. There was a fair inquiry. Crude oil production in March quarter, 33,130,367 pounds; consumption, 39,627,559 pounds; factory and warehouse stocks at close of March, 14,214,312 pounds. Refined production, 34,844,530 pounds; consumption, 20,577,518 pounds; stocks, 10,092,056 pounds.

Cottonseed.—Edible oil was in fair demand and steady, quotations being maintained at previous levels by refiners. Offerings of Brazilian semi-refined oil were reported at 3.80c. per pound for bulk shipment, c.i.f., which was said to be about ¼c. per pound above the views of buyers.

Oiticica.—Demand slackened to some extent, but offerings continued light and the market retained a firm tone, quotations being about ½c. higher than in the previous week. Importations during the March quarter were 2,336,542 pounds.

Olive.—Steady with a fair demand. Importations of edible oil during the March quarter, 15,920,813 pounds; foots, 5,231,507 pounds; other inedible, 2,025,849 pounds. Production of edible oil during March quarter, 6,503,520 pounds; factory and warehouse stocks at close of March, 8,311,862 pounds. Inedible oil consumption, 1,251,641 pounds; stocks, 1,049,207 pounds. Foots consumption, 5,007,175 pounds; stocks, 9,340,130 pounds.

Palm.—A steady tone prevailed. Importations in March quarter, 87,174,122 pounds; consumption, 74,957,043 pounds; factory and warehouse stocks at close of March, 126,080,504 pounds. Refined production, 38,610,608 pounds; consumption, 36,639,706 pounds; factory and warehouse stocks, 21,551,358 pounds.

Peanut.—Crude was firmer, quotations in some instances being ⅛c. higher. Production of virgin and crude oil during March quarter, 27,892,000 pounds; consumption, 27,092,419 pounds; factory and warehouse stocks, 9,168,116 pounds. Refined production, 26,105,631 pounds; consumption, 15,947,666 pounds; factory and warehouse stocks, 25,769,686 pounds. Importations in March quarter, 2,666,862 pounds.

Perilla.—Demand increased and the market had a firmer tone, though quotations were about unchanged for the week after being higher at one time. Importations during March quarter, 12,507,461 pounds; consumption, 9,439,073 pounds; factory and warehouse stocks at close of March, 11,188,637 pounds.

Rapeseed.—Quotations stationary. Importations in March quarter, 1,798,028 pounds; consumption, 1,329,722 pounds; factory and warehouse stocks, 3,244,060 pounds. Seed importations in March quarter, 1,258 tons.

Sesame.—The market retained a firm tone. Importations during March quarter, 1,161,552 pounds; consumption, 431,148 pounds; factory and warehouse stocks, 717,096 pounds. Seed imports, 2,158 tons.

Soybean.—Quiet and steady. Crude oil production during March quarter, 121,289,014 pounds; consumption, 102,697,936 pounds; factory and warehouse stocks close of March, 55,560,653 pounds. Refined oil production, 91,919,309 pounds; consumption, 75,111,213 pounds; stocks, 33,099,988 pounds. Importations in March quarter, 820,877 pounds.

Markets at Other Centers

San Francisco, May 2.—Vegetable oil market has been more active, with the contracting of materials showing more confidence on the part of consumers.

Ruling prices are:—

BABASSU.—Steady to strong, with sellers quoting 5⅞c. per pound in tankcars, f.o.b. mill, Pacific Coast.

OITICICA.—Raw, liquid oil, laboratory-controlled, uniform quality, standard specification, quoted on the basis of 13c. per pound in drums and/or tankcars, f.o.b. San Francisco for prompt or future shipment from Brazil. Other grades quoted at 11c. Solid oil quoted at 10¼c. in drums.

COTTONSEED.—Domestic bleachable oil, 7⅛c. per pound in tankcars, f.o.b. Pacific Coast mills. Foreign oil not being worked.

PERILLA.—Crude oil quoted 8.9c. per pound in tankcars, prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil quoted 5¾c. per pound in tankcars, nominally, f.o.b. Pacific Coast ports for shipment from the Orient.

TEASEED.—Nominal. Quoted last for shipment from China on the basis of 8c. per pound in tankcars, f.o.b. San Francisco.

Chicago, May 5.—A firmer tone is noted in some sections of the general vegetable oil market. At the same time it appears that buyers have not deserted the general policy of caution, for the bulk of the business is in limited lots.

COCONUT.—Coast basis, crude, May-forward, 2⅞c. to 3c. per pound; refined edible oil, 8¼c. to 8½c. per pound, barrels, car lots; and 8¾c. to 9c., barrels, less than car lots.

CORN.—Crude, low acid, 5⅝c. to 6c. per pound, partly nominal; refined, edible oil, 8¾c. to 9c. per pound, barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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CHINAWOOD.—Ruling spot, 19c. to 19.1c. per pound; May-forward, 17.8c. to 17.9c.

PEANUT.—Crude, 5¾c. to 6c. per pound, partly nominal.

SOYBEAN.—Crude, mills, May-forward, 4⅞c. to 5c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular, changes in prices from day to day generally being moderate. The inquiry for cash beans continued light, but trading in futures was fairly active. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing—May 5.	Closing—Apr. 28.
May	$0.95⅛	$0.88¾	$0.95⅛	$0.88½
July	.93⅛	.87½	.93⅝	.87

London, April 24.—Soybean oil, crude, 24s. per cwt.; rapeseed, refined, 31s. 6d.; palm kernel, refined, English, 25s.; peanut, Bombay, 20s. 3d.; sardine, Japanese, 21s. 9d.; whale, crude, Rotterdam, 15s. 6d.

Linseed Oil

Variations in flaxseed quotations were generally moderate. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, May 5.—Flaxseed offerings are small and in odd-lot cars. Stocks in store here have been reduced to 2,000 bushels and all of the flax shipped out of here for the last month has been for seeding. Soil and moisture conditions, except in Central North Dakota, are excellent for seeding and growing, but good intermittent rains will be necessary for a large crop. Cash seed is still held at 2 to 8 cents over Minneapolis.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.76	$1.68¼
Monday	1.76	1.68
Tuesday	1.74½	1.66½
Wednesday	1.72¾	1.65
Thursday	1.71	1.64
Friday	1.71	1.63

Crop movement in bushels follows:—

	Receipts—1939.	Receipts—1938.	Shipments—1939.	Shipments—1938.
This week	.....	710	.....	.....
Since Aug. 1	1,361,276	1,064,994	1,394,800	1,143,848

MINNEAPOLIS, May 5.—Not much cash flax received during the week and scant offers met with very steady demand from crushers. Seed house buyers were out of the picture completely insofar as fresh purchases were concerned. They have been shipping out on previous sales so the out movement exceeds the in movement by quite a margin and elevator stocks are decreasing steadily. Premiums on spot seed held firm and unchanged.

Deliveries on May contracts were about as expected, 154,000 bushels on the first day. The entire lot was delivered by a crushing company and half was taken by a crushing company and half by a cash interest and commission house. Further tenders are expected in addition to re-tenders. Total stocks in public houses decreased 8,000 bushels last week and in four days of the present week no changes have been reported.

The general situation is quite complex. In some sections of southern Minnesota farmers have completed their flax seeding and in other sections they are still at it. Inquiry from that section for seed house seed continues and has exceeded expectations. As seeding progresses northward the demand is expected to be steady and local supplies are limited.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.83	$1.68	$1.69½
Monday	1.83	1.68	1.69
Tuesday	1.81½	1.66½	1.67½
Wednesday	1.79¾	1.64¾	1.65¾
Thursday	1.79	1.63	1.65
Friday	1.78	1.63	1.64

Crop movement in bushels follows:—

	Receipts—1939.	Receipts—1938.	Shipments—1939.	Shipments—1938.
This week	4,800	27,040	10,800	22,640
Since Sept. 1	3,005,070	3,437,660	609,159	775,372

WINNIPEG, May 5.—Quiet conditions continued to prevail in the market for flaxseed futures, traders generally being disposed to hold off for further developments. The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.57	$1.57	$1.55½
Monday	1.56	1.56	1.56⅝
Tuesday	1.56	1.56	1.57¼
Wednesday	1.55	1.55	1.57
Thursday	1.55	1.55	1.55½
Friday	1.52	1.52	1.53½

BUENOS AIRES, May 5.—Opening prices per bushel on May contracts were:—

	Last week.	Last year.
Saturday	$1.11⅞	$1.26
Monday	*...	1.26
Tuesday	1.12	1.25⅜
Wednesday	1.12	1.26
Thursday	1.13¼	1.25⅝
Friday	1.13¼	1.25⅝

* Holiday.

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To—	Bushels—Last week.	Bushels—Previous week.	Bushels—Last year.
United States	331,000	39,000	280,000
United Kingdom	.....	4,000	4,000
Continent	354,000	362,000	524,000
Orders	98,000	47,000	47,000
Others	*185,000	75,000	.....
Totals	968,000	527,000	855,000

* Canada 181,000; Australia 4,000 bushels.

Since January 1

To—	Bushels—This year.	Bushels—Last year.
United States	7,180,000	4,979,000
United Kingdom	536,000	1,050,000
Continent	11,278,000	9,877,000
Orders	5,657,000	5,413,000
Others	1,724,000	880,000
Totals	26,375,000	22,179,000

Visible Supply

	Bushels.
Last week	7,087,000
Previous week	7,480,000
Last year	6,299,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels—Last week.	Bushels—Previous week.	Bushels—Last year.
United Kingdom	288,000	48,000	144,000
Continent	28,000	.....	.....
Others	.....	12,000	32,000
Totals	316,000	60,000	176,000

Since April 1—	Bushels—This year.	Bushels—Last year.
United Kingdom	1,084,000	1,248,000
Continent	72,000	40,000
Others	20,000	52,000
Totals	1,176,000	1,340,000

HULL, May 5.—Quotations on flaxseed were:—

	Per ton—La Plata.	Per ton—Bombay.
Saturday	£11⅛	£12⅛
Monday	11⅛	12⅛
Tuesday	11⅛	12⅛
Wednesday	11½	13
Thursday	11½	13
Friday	11½	13

Linseed Oil.—Conditions prevailing in the local market for linseed oil underwent little change last week, although the tone was regarded by some as steadier than in the previous week. At the close of the period, however, quotations were stationary, the range still being from 8.2c. to 8.4c. per pound in tankcars, according to seller. There was no material change in the character of business.

Withdrawals were reported as somewhat larger but the volume of new orders received was apparently small, and on the whole disappointing for this period, many consumers and dealers still being inclined to hold off for further developments in political affairs abroad and in domestic markets for other commodities.

Cash flaxseed was quiet in domestic centers but this was apparently due more to the limited arrivals and offerings than to a lack of buying interest. Cash premiums over futures were well maintained. Crop accounts from the Northwest were still in the main of the same favorable character noted in recent preceding weeks.

Receipts of flaxseed at New York last week were 63,883 bushels.

MINNEAPOLIS, May 5.—Demand for linseed oil has been rather quiet compared with normal for season of the year but some business has been doing right along. An occasional tank car lot moved and a few cooperage lots were taken and small lot business picked up quite a bit because of a few nice days. Most all of the business was written for prompt shipment and shipping instructions accompanied a few orders. This would indicate light stocks in the hands of the consuming trade and crushers are encouraged regarding future business but because of the limited supplies of oil and very light supplies of flax are not pressing the market.

Shipping instructions on maturing orders are good and only ten percent of capacity is in operation currently. How long that number of presses will revolve is a question. Interest in deferred oil is very limited.

Quotations on carload lots, f.o.b. Minneapolis, tankcar lots, 8.7c. per pound, cooperage car lots 9.3c. per pound, warehouse lots 9.7c. per pound.

Shipments of oil in pounds were as follows:—

	1939.	1938.
This week	1,440,000	1,421,509
Since Sept. 1	49,088,953	41,826,604

SAN FRANCISCO, May 2.—Trade in linseed oil has been narrow, with no buying ahead, manufacturers taking up only what they currently need, because they feel the large California flax crop, to be harvested soon, is not adding any particular strength to the market. Quoted:—Tankcars, 8.6c. per pound; drum lots ex mill, 9.1c.; drum lots ex warehouse, 9.6c.

CHICAGO, May 5.—The linseed oil price structure is steady as for some time and the movement on orders has been reported holding up quite well. Ruling prices:—Tankcar, 8.6c. per pound; car lots, 9.2c.; less than car lots, 9.8c.

LONDON, May 5.—Quotations on linseed oil were:—

	Per cwt.—s.	Per cwt.—d.
Saturday	24	1½
Monday	24	1½
Tuesday	24	3
Wednesday	24	6
Thursday	24	7½
Friday	24	7½

Cake and Meal.—A steady tone prevailed quotations being maintained at the levels ruling in the previous week. The movement of both cake and meal was apparently limited to comparatively small or moderate quantities.

MINNEAPOLIS, May 5.—The local meal market is a thin routine affair with offers and output extremely light and demand only equal to absorbing the current make.

Crushers are not averse to accumulating a small reserve to carry through the late Spring and are not pressing the market. Re-sellers are well cleaned up and the season seems to be about over.

Quotations on carload lots f.o.b. Minneapolis, $38 to $38.50 per ton. Shipping instructions prompt and crushers are not closely caught up in some instances.

Shipments of meal in pounds were as follows:—

	1939.	1938.
This week	2,240,000	715,645
Since Sept. 1	70,042,225	104,919,741

CHICAGO, May 5.—Linseed meal is holding about steady. Buying has been fair. Ruling prices:—Round lots, $28 per ton, largely nominal; car lots, $38 to $39; less than car lots, $40 to $40.50.

Cottonseed Oil

Refined oil futures were quiet, with narrow changes in quotations. Southern markets for cottonseed products quiet and steady.

Cottonseed Oil.—Speculative operations in the local market for refined cottonseed oil futures continued on a comparatively small scale, many traders still being disinclined to enter extensively into fresh commitments on either side of the account pending further developments in outside markets, as well as in the political situation abroad. The fact that the monthly cottonseed report from the Census Bureau will be issued in about a week also had a tendency to restrict trading as opinions were mixed as to the probable consumption during the past month.

Prices were easily influenced by a small preponderance of orders on either side of the account, and changes were frequent though the fluctuations were generally within small limits, the range between the high and the low levels of the week on the principal months being only about 15 points. Commission houses were on both sides of the market in a limited way. Trade interests were credited with small purchases of near months on weak spots.

Southern markets for crude oil were quiet, with offerings light and prices more or less nominal. Trade in lard compound and cash cottonseed oil was described as quiet. Offerings of Brazilian semi-refined cottonseed oil were reported at 3.80c., c.i.f. New York, a figure which apparently was not attractive to buyers. Copra continued firm and crude coconut oil was advanced to 3¼c. by local interests. The general market for vegetable oils was steady or firm but sales of crude sardine oil were reported at a decline.

Marketing of hogs continued to run ahead of last year, arrivals in the principal western centers for four days of the week aggregating 211,500 head against 180,100 head in the same time last year. The weight of the hogs received in Chicago during the week ended April 29 averaged 258 pounds against 259 pounds in the previous week. Stocks of lard in Chicago decreased 489,749 pounds during the second half of April against an increase of 2,706,230 pounds in the same time last year. During the month of April lard supplies in that market increased 764,208 pounds against an increase of 3,117,441 pounds in the same month last year. Stocks of lard in Chicago at the close of April were 71,575,042 pounds against 64,143,708 pounds a year ago.

There was further switching of cottonseed oil contracts from near to distant positions. May was switched to September at 35 points difference. July was switched to September at 12 to 15 points difference, to October at 15 points and to December at 16 points. September was switched to October on even terms.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from April 29 to May 5, inclusive, comprised 686 contracts, a total of 41,160,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	6.79	6.66	6.66@6.70
July	6.96	6.78	6.79 sale
September	7.10	6.92	6.93@6.94
October	7.10	6.95	6.94@6.97
December	7.12	6.94	6.96 sale
Crude, Southeast,	.0562½c.	Nom.	

Chicago, May 5.—Inquiry for cottonseed oil has been a little better, indicating that the trade is willing to consider somewhat more active participation in the market. Good, off-Summer yellow is 7¼c. per pound. Refined, edible oil is 8½c. to 8¾c. per pound, barrels, car lots; and 9c. to 9¼c., barrels, less than car lots.

Hull, May 5.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	19	6	16	6
Monday	19	0	16	6
Tuesday	19	0	16	6
Wednesday	19	0	16	6
Thursday	19	0	16	6
Friday	19	0	16	6

Cake and Meal.—A steady tone prevailed in Southern markets for spot material. Demand was generally reported as quiet, but offerings continued light.

Markets at Other Centers

Atlanta, May 3.—Cool Spring weather is delaying cotton planting in the upper cotton belt. The demand for cotton fertilizer is quite active at present, but because of the lateness of the planting season, the fertilizer demand is not considered a safe criterion on which to base cotton acreage at present.

Meal of 8 percent grade is quoted at Southeastern mills at $25 to $25.50 per ton. Prime crude oil, 5⅝c. per pound.

MEMPHIS, May 5.—Crude cottonseed oil remained quiet. Last sales reported were at 5.55c., Valley basis. Some few tanks available at 5⅝c. Buyers and sellers both disinterested. Meal quiet, with an easier tone. Prices now above an export parity. Today 41 percent meal quoted at $24 per ton, Memphis basis. Bulk slab cake $21.25 at Valley points. Hulls $5 per ton at mill points. Cotton crop preparations continue backward, due to inclement weather.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	April 27.	May 4.
May	$24.05@24.35	$23.60@23.85
July	23.60@—	23.35@23.45
September	23.00@—	22.65@22.85
October	22.65@23.00	22.40@22.55
December	.....	22.15@22.50

Fatty Acids

Production of fatty acids during the first quarter of 1939, according to official statistics, was 35,875,454 pounds; consumption, 31,129,072 pounds; factory and warehouse stocks at close of March, 9,881,391 pounds. Production of distilled fatty acids, 7,602,322 pounds; consumption, 4,555,382 pounds; factory and warehouse stocks, 3,971,322 pounds. Importations of vegetable fatty acids in March quarter, 1,823,203 pounds.

Capric Acid.—Quotations were stationary and the tone of the market appeared to be steady. There was a fair inquiry for small or moderate quantities to fill the current needs of consumers.

Cottonseed Oil.—A steady tone continued to prevail in the market for this fatty acid in the absence of any material change in the position of basic material. There was a fair inquiry, although consumers were not inclined to purchase ahead.

Red Oil.—No broadening of trade was noticeable although there were reports of a somewhat better inquiry for moderate quantities for prompt shipment. Production during the March quarter was 11,385,298 pounds; consumption, 8,173,142 pounds; factory and warehouse stocks at close of March, 7,966,961 pounds.

Stearic Acid.—The market appeared to have a steadier tone in company with basic material. Business continued along conservative lines. Production during the March quarter was 8,042,253 pounds; consumption, 3,126,668 pounds; factory and warehouse stocks at close of March, 4,310,232 pounds. Importations during March quarter, 371,911 pounds.

Markets at Other Centers

Chicago, May 5.—More business is reported in the fatty acids market. The price structure holds steady.

FATTY ACIDS.—Corn oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., barrels, car lots; 9½c. to 9¾c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 7¾c., tankcar; 8c. to 8¼c., barrels, car lots; 8½c. to 8¾c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅛c. to 3¼c.; boiled down soap stock, 65 percent basis, 4⅛c. to 4¼c.; cottonseed foots, 50 percent basis, 1½c. to 1⅝c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Cod.—The market was reported as quiet and firm. Importations of cod oil during the quarter ended with March were 4,491,195 pounds; cod-liver oil, 8,012,693 pounds. Factory and warehouse stocks of cod and cod-liver oil at close of March, 24,662,327 pounds. Production of other fish oils, 24,198,577 pounds, these figures including 22,768,547 pounds of herring and sardine, and 178,020 pounds menhaden; consumption, 49,027,219 pounds; factory and warehouse stocks at close of March, 117,699,150 pounds.

Menhaden.—Selling schedules were maintained by refiners at the levels prevailing in the previous week. There was apparently no broadening of trade, such transactions as were reported being limited to comparatively small or moderate quantities to fill the current needs of consumers. The tone of the market continued firm, however, in company with crude which was still nominal in the absence of any additions to supplies.

Sardine.—A firm tone continued to prevail in the local market for refined oil, but aside from this the situation lacked features of interest, business being quiet and along the same narrow lines noted in recent preceding weeks. Sales of crude oil were reported at a decline to 32c. per gallon.

Whale.—Quotations on refined oil were steady, with trade quiet. Importations of whale oil during the March quarter were 1,740,623 pounds. Production of marine animal oils during the March quarter, 23,092,500 pounds; consumption, 13,332,630 pounds; factory and warehouse stocks at close of March, 100,363,354 pounds.

Markets at Other Centers

San Francisco, May 2.—California sardine oil became active again last week, when there was reported the sale in the southern portion of the state of five tankcars out of resellers' hands for delivery to the Midwest, at a price which roughly figured out, on a Pacific Coast basis, at 32c. per gallon.

Otherwise, the market was quiet. Firsthand sellers apparently have no stocks left over, and such material as is now subject to movement is in resellers' hands. Usually these resellers are concerns who are actually in a position to use the material themselves, but occasionally find it advantageous to sell a tankcar or so of oil and pick up tallow or another competitive product to fit into their own needs for replacement purposes. In the particular case last week it was not learned what conditions governed the transaction.

Alaska herring reduction plant operators were reported to be trying earnestly last week to get labor negotiations started for the coming season there, but apparently nothing has been done as yet. The herring fishing season will be ready to start on June 1. Elsewhere on the Coast it is as yet too early to report any news of the new season, and the situation is a quiet one.

Baltimore, May 3.—There were no reports of further sales of menhaden oil during the last week, while producers with some small stocks still in their hands held out for not less than 30 cents per gallon at points of shipment on the North Carolina coast. This would make the price in Baltimore about 32 cents, a figure which potential buyers do not seem disposed to pay. According to a report circulated during the last week one of the companies operating on the Chesapeake Bay intends to send out at least one vessel week after next, which would be a month ahead of the usual opening of the period of actual fishing operations, which usually do not get under way much before the third week in June. Work off the North Carolina coast has so far been of an experimental character, while the boats out off the Florida coast continue their activities, with results not very different from those that were obtained when the first craft put off. The catches are stated to be fair, but the fish are not yielding any oil, and are not expected to prove productive in this way until some time in August.

Fats and Greases

Grease.—The tone of the market appeared to be firmer, although quotations were generally held at the levels prevailing in the previous week. There was a fair inquiry. Production of grease of all kinds, except wool grease, during the March quarter was 85,224,373 pounds; consumption 46,952,104 pounds; factory and warehouse stocks at close of March, 52,028,604 pounds.

Lard.—Changes in local cash prices were within moderate limits, in company with developments in Chicago, where trading in futures was rather quiet. Domestic business here in cash lard was reported as fair, while the export movement was lighter. Production of neutral lard during the March quarter 622,622 pounds; consumption 466,895 pounds; factory and warehouse stocks close of March 419,736 pounds. Production of other edible lard in March quarter, 340,901,337 pounds.

Stearin.—The market was quiet and steady. Production of animal stearin during March quarter, 13,568,296 pounds; consumption, 11,482,872 pounds; factory and warehouse stocks at close of March 5,906,715 pounds. Vegetable stearin production, 22,746,458 pounds; consumption, 22,530,113 pounds; stocks, 10,068,770 pounds.

Tallow.—The inquiry was more active and the market had a firmer tone. Sales were reported at 5⅜c. for extra delivered, although one transaction of a special character was said to have been closed at 5½c., delivered. Production of inedible tallow during the March quarter was 133,283,246 pounds; consumption, 209,321,191 pounds; factory and warehouse stocks at close of March 204,155,590 pounds. Edible tallow production, 25,077,586 pounds; consumption 18,816,615 pounds; stocks 7,474,310 pounds.

There was no trading in tallow futures on the New York Produce Exchange from April 29 to May 5, inclusive. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	...	...	5.30@5.50
July	...	...	5.40@5.60

Markets at Other Centers

Chicago, May 5.—Cash lard business has been quiet here, with prices tending to remain in a rather limited range.

The range of lard quotations from the opening Saturday, April 29, to the close Friday, May 5, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$6.65	$6.75	$6.60	$6.60	$6.70
May	6.62	6.70	6.52	6.55	6.65
July	6.75	6.90	6.62	6.62	6.77

TALLOWS (tierces).—Edible, 5½c. to 5⅝c. per pound; prime, 5⅜c. to 5½c.; fancy, 5⅜c. to 5½c.; special, 5⅛c. to 5¼c.

GREASES (tierces).—Choice white, 5c. to 5⅛c. per pound; A white, 4⅞c. to 5c.; B white, 4¾c. to 4⅞c.; yellow, 10-16, 4⅝c. to 4¾c.; yellow, 16-20, 4½c. to 4⅝c.; brown, 4⅛c. to 4⅜c.

STEARINS (barrels).—Prime oleo, 5⅝c. to 5¾c. per pound; lard, packages, 7c. to 7¼c.; white grease, 5½c. to 5¾c.; yellow grease, 5c. to 5¼c.; oleo stocks, 7⅜c. to 7½c.; No. 2 stocks, 7c. to 7⅛c.

Liverpool, May 5.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	May. s.	d.	July. s.	d.	Sept. s.	d.
Saturday	37	6	37	6	38	0	39	0
Monday	38	0	37	9	38	0	38	9
Tuesday	38	0	37	9	38	0	39	0
Wednesday	37	9	37	0	37	6	38	0
Thursday	37	6	37	0	37	0	37	9
Friday	37	6	36	9	37	0	38	0

Liverpool, May 5.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	17	9	16	3
Monday	17	9	16	3
Tuesday	17	6	16	3
Wednesday	17	6	16	3
Thursday	17	6	16	3
Friday	17	6	16	3

Animal Oils

Degras.—The market was rather quiet, but the tone continued steady. Stocks on spot were reported as light or moderate and there was apparently no increase in offerings of foreign product for shipment. Production of degras for the first quarter of 1939, according to official statistics, was 1,194,413 pounds; consumption 1,230,277 pounds; factory and warehouse stocks at close of March 3,141,688 pounds. Importations 1,066,802 pounds.

Lard.—Quotations were stationary, wih the tone of the market steady. Consumers were not disposed to anticipate to any extent, but there was a fair movement of moderate lots. Production of lard oil during the March quarter 5,589,726 pounds; consumption 2,676,575 pounds; factory and warehouse stocks 7,487,645 pounds.

Neatsfoot.—No broadening of business was noted, although there was a fair inquiry for moderate lots for prompt shipment. Prices were unchanged, with the tone steady. Production of neatsfoot oil during March quarter 1,279,892 pounds; consumption 1,380,753 pounds; factory and warehouse stocks 985,291 pounds.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Oleo.—A steady tone continued to prevail, prices being maintained at former levels. There were reports of a somewhat better demand. Oleo oil production during March quarter 18,422,660 pounds; consumption 3,913,606 pounds; factory and warehouse stocks 4,057,057 pounds.

Tallow.—The market was quiet and steady. Tallow oil production during March quarter 1,503,892 pounds; consumption 1,151,900 pounds; factory and warehouse stocks 1,417,916 pounds.

Markets at Other Centers

Chicago, May 5.—Animal oils are steady, with a fair business.

LARD.—No. 1, 8¼c. to 8½c. per pound.

OLEO.—No. 2, 7¼c. to 7½c. per pound.

TALLOW.—Acidless, 7¼c. to 7½c. per pound, tanks; and 8¼c. to 8½c., barrels.

Waxes

Bayberry.—Although the market was not very active, prices held firm, probably for the reason that the import cost has been well maintained. Stocks in reserve locally were only moderate in size.

Bees.—The firmer tone prevailing for some time past remained constant during the past week. This applied mainly to the position of crude wax in the primary markets of the world. Some reports suggested that there had been some shading of prices on refined yellow wax, though by no means was that a general practice. Bleached wax was apparently very steady. Importations of crude and refined wax by countries in March were as follows:—

	Pounds— Crude.	Refined.
France	.....	2,240
Portugal	17,397	.....
Guatemala	1,042	.....
Mexico	2,153	.....
Cuba	77,431	.....
Dominican Republic	29,730	.....
Brazil	229,368	.....
Chile	4,497	.....
Egypt	7,139	.....
Other French Africa	35,610	.....
Other Portuguese Africa	67,650	.....
Totals	472,017	2,240

Candelilla.—All prices were firm and those on spot were very close to actual replacement cost in the Mexican market. Demand was moderate to fair, but lacked definite trend.

Carnauba.—Practically all dealers reported a spot market that was very quiet and narrow. Notwithstanding this, prices remained fairly steady and in some measure reflected the maintenance of values in the primary market. Buyers have been supplied with wax that covers their present requirements and as yet no tendency to consider future needs has developed. Importations in the month of March totaled 1,797,902 pounds.

Japan.—The higher prices noted in Japan during the previous trading period continued to prevail, and those on spot remained too close to replacement cost to yield warranted profits. Demand was light on the spot and competition continued keen.

Sesame Seed Cultivation Successful in South Texas

Harlingen, Texas, May 5, 1939

Production of sesame seed may become a new agricultural industry in the lower Rio Grande valley and other parts of south Texas as a result of successful experiments that have been made in growing the plants. A processing plant will be located in the lower valley when the home-grown seed supply is sufficient for its operation, it was stated here.

Soap Production Gained 22 Percent in First Quarter

Production of soaps, other than liquid, as reported by manufacturers estimated to account for 90 percent of all soaps made and sold in the United States, aggregated 698,377,086 pounds, valued at $67,951,929, during the first quarter of 1939, according to figures compiled by the Association of Soap and Glycerin Producers. These figures represent an increase of 22.3 percent in volume and 19.6 percent in value over the final quarter of 1938 levels; and increases of 3.4 percent in volume and 2.2 percent in value above the figures reported for the first quarter of 1938.

Staley to Erect Soybean Processing Plant in Ohio

A. E. Staley Manufacturing Company, Decatur, Ill., plans to construct a soybean processing plant on Grand River, near Fairport harbor and Painesville, Ohio. The plant, calling for an expenditure of approximately $300,000, is scheduled for completion October 1.

MAY 1939 XUM

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(Ethyl Vanillin)

Vanilla-like in flavor, Ethavan has a relative flavoring strength approximately three times that of Vanillin, and its cost, based on flavoring strength, is lower. Its more pronounced aroma and flavor meet the highest standards of consumer specification, having won wide acceptance among manufacturers of chocolate, ice cream, food flavors and confections.

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Samples, further information and prices will be sent on request.

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Drugs, Fine Chemicals

Special Solvent Alcohol Lower in Metropolitan Area but Unchanged Elsewhere—Isobutyl Alcohol Reduced—Quicksilver Maintained —Glycerin Statistics Run Higher Than a Year Ago

The past week in the market for drugs and fine chemicals was not productive of much price activity. In the main, it was a period of steady prices and steady demand that compared favorably with trade in the recent past and gave promise for a fairly active Summer along lines usually common to the market.

Solvents continued unsettled and further evidence of the trend of prices in favor of buyers was a reduction in quotations on special solvent specially denatured alcohol when sold within the limits of the Metropolitan area. It was purely a local development and was not in the least reflected elsewhere in the country. No change was made in the works base price. Also, isobutyl alcohol was reduced once more.

Mercurials were firm at the recent advance, and since quotations on quicksilver were fully maintained, prices for derived products were expected to hold. Methanol was in very fair request and prices were at least steady. The March statistics on production were released.

Glycerin was firmer on the whole. Crude was a small fraction higher, but the rise was insufficient to affect the schedule on chemically pure or refined material. Statistics covering production, consumption, stocks and imports during the first quarter were made available. With the exception of imports of refined, all figures were ahead of those for the first quarter of 1938.

Quinine showed signs of better movement. Santonin was in broader request and the market was stronger. Bismuth salts were steady here but lower in London. Codliver oil fishing in Lofoten was declining, but reports to April 15 showed that production was running far ahead of that a year ago.

Acid, Citric.—Slowly the weather turns toward Spring temperatures and with the turn was expected to come last week a gain in sales of this acid to beverage manufacturers. Some gain was noted during the period under review but the increase was moderate at the best. Prices were exceptionally attractive.

Acid, Tartaric.—A moderate gain in market activity was reported. The improvement was along seasonal lines and was encouraged by the milder temperatures that suggested Spring weather to be close at hand at last. Prices were steady.

Agar.—The stronger primary market continued to affect values locally. Spot prices were exceptionally firm and No. 1 was well maintained at the level reached during the recent advance. Fair sized trading was reported.

Alcohol.—The feature was a reduction in the quotations on isobutyl alcohol. Tanks were set up at 6.3c. per pound; drums, car lots, 7.3c.; less than car lots, 7.8c. This was a reduction amounting to 7/10c. per pound. The quotations were on a freight allowed basis east of the Rocky Mountains. Industrial alcohol came in for moderate to fair sized request according to article in request. Prices were fully maintained with the exception that the special solvent grade of specially denatured alcohol was priced lower when delivery was within the Metropolitan area. This confirmed the reports of price shading on that formula when delivered within the indicated area. The new prices were as follows:—Car lots, drums, 25c. per gallon; 20 drums, 26c.; 1 to 19 drums, 28c. The tankcar price remained unchanged. Another development with the possibility of affecting substantially the price of ethyl alcohol when used for non-beverage purposes was the introduction into the House of Representatives at Washington of a bill numbered H.R. 6068. The bill would reduce the ethyl alcohol tax to $1.10 per gallon.

Aloin.—Some very fair business was written in leading quarters last week, though not all the trade figured in the betterment of request. Prices were discovered to be substantially firm in all respects, reflecting the position of raw material.

Bismuth Metal and Salts.—Business was routine and volume was conservative. However, prices appeared to be fairly well maintained locally in keeping with the fact that raw material remained firm at the recent advance. Notices from London indicated that downward revision of the prices on some salts had taken place.

Blue Mass.—The market was firm on the basis of the price advance in the previous trading period but since raw material remained unchanged, the rise was not extended. Steady but entirely routine request reached the producers.

Castor Oil.—The market lacked new development but remained very steady. Exports of this oil in the month of March totaled 7,450 gallons, the largest shipment totaling 4,085 gallons going to the Philippine Islands.

CHICAGO, May 4.—Reports of a somewhat broadened interest have caught the interest of the trade in castor oil, with tone of the market being generally steady. The price structure is reported quite stable, and tone of the whole situation seems to be making a good comparison with conditions that have existed for some time. Ruling prices are:—No. 1, barrels, car lots, 9⅛c. per pound; barrels, less than car lots, 10¼c.; returnable drums, car lots, 8⅞c.; drums, less than car lots, 10c.; tanks, 8⅜c.; No. 3, barrels, car lots, 8⅝c.; barrels, less than car lots, 9¾c.; returnable drums, 8⅜c.; drums, less than car lots, 9¼c.; tanks, 7⅞c.

Cocoa Butter.—It was still a buyers' market in some degree but possibly less so than in the not far distant past when bids stood excellent chance of being accepted. Trade was in moderate volume last week but it was also an improvement over than current of late.

Codliver Oil.—Actually spot sales were not exceptionally active nor attractive. Interest in the market centered mainly abroad where new production was well underway. Exports from Bergen, Norway, to April 15 totaled 27,794 barrels, compared with 12,817 barrels to the same date a year ago. Prices here were quiet and fairly easy. Importations by countries during the month of March were as follows:—

	Gallons
Denmark	9,744
Iceland	107,259
Norway	115,827
United Kingdom	131,661
Canada	11,551
Newfoundland and Labrador	7,518
Japan	5,495
Total	389,055

BERGEN, April 22.—Production to April 15 was as follows, with fishing in Lofoten declining:—

	Fish Tons	Oil Hectolitres*
1939	177,687	82,430
1938	128,917	59,239
1937	125,802	66,467

*To convert into barrels, multiply by .88.

Corn Syrup.—The raw material market was off slightly at times last week but not sufficiently so as to have immediate effect on quotations for this derivative. In point of fact, syrup was very steady under a very fair sized call.

Ephedrine.—All forms of this article lacked further decline in price. The reduction in the previous week was declared to have been severe enough to make likely the maintenance of the current schedule for some time to come. Demand was no larger than of late.

Glycerin.—Crude was firmer and a small fraction higher. Refined and

Price Changes

Prices were changed during the past week as follows:—

Advanced

Glycerin, soaplye, ⅛c. per lb.
saponification, ⅛c. per lb.

Reduced

Alcohol, special solvent, Metro. Area., 1½c. per gal.
Isobutyl alcohol, 7/10c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
183.4	183.4	182.9	180.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N.Y.
MUrray Hill 6-1990

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STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

BROMINE • BROMIDES
J. Q. DICKINSON & CO. ESTABLISHED 1832 MALDEN, W. VA.

VITAMIN PRODUCTS
FISH LIVER OILS
ATLANTIC COAST FISHERIES CORP. OF N. Y.
111 JOHN STREET, NEW YORK, N. Y.

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QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
BETA LACTOSE
POWDERED-GRANULAR
IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

CHLORTHYMOL
HIGH PHENOL COEFFICIENT
ORBIS PRODUCTS CORPORATION
215 PEARL ST., NEW YORK – Factory, NEWARK, N. J.
Write for Particulars

REFINED GLYCERINE
ALL GRADES
CHEMICALLY PURE—U. S. P.
CHEMICALLY PURE—B. P.
YELLOW DISTILLED
HIGH GRAVITY
DYNAMITE
Refineries Located at:
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• Jersey City, N. J.
• Jeffersonville, Ind.
• Berkeley, Calif.
• Kansas City, Kans.
COLGATE-PALMOLIVE-PEET CO.
GLYCERINE DEPT.
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JERSEY CITY, NEW JERSEY

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How do these TURKS concern YOU?

Native women assorting Gum Tragacanth for shipment to S. B. Penick and Company.

. . . in a botanical way, if plant materials are part of your business. Botanicals are our sole concern; Turkish and other plant gatherers from every corner of the globe interest us. No place can be too far or too difficult to reach for our world-wide representatives. They have orders to purchase the "pick of the earth" and they do just that. After our careful selection, grading, drying and a number of other processes (many in the laboratory), you have but to write us a letter, telephone or wire, to receive the highest quality botanical drugs, promptly, at equitable prices.

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S. B. PENICK & COMPANY

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

dynamite material lacked quotable change, remaining on the steady to firm side under the influence of a fair sized consuming request. Soaplye was priced at 7¾c. to 7⅞c. per pound; saponification for refiners, 8¾c. to 8⅞c. Shipments of refined glycerin to the United States from the Amsterdam area amounted in 1937 to 429 tons. In 1938, 11 tons. In the Rotterdam area shipments of refined glycerin to the United States amounted to 779 tons in 1937 and 10 tons in 1938. The shipments to the United States in 1937 is reported by the trade to have been due to the shortage during that year caused by the floods in the region of the Ohio and Mississippi valleys where many important soap companies have their plants. Crude is produced at most of the soap factories in the Netherlands, as well as by one or two other concerns. There are only three firms that refine the crude product to chemically pure material. Statistics covering production, stocks, and imports of crude, refined and dynamite glycerin in the first three months of 1939 provided the following interesting data when comparison with 1938 figures was made:—

	Pounds	
Production—	More.	Less.
Crude	3,276,151	.....
Refined	100,547	.....
Dynamite	2,615,445	.....
Stocks—		
Crude	1,913,371	.....
Refined	13,541,802	.....
Dynamite	4,823,993	.....
Imports—		
Crude	631,205	.....
Refined	.....	551,161

The full statistics follow:—

January-March

	Pounds	
Crude, 80 percent basis—	1939.	1938.
Production	42,445,808	39,169,657
Consumption	44,921,858	.....
Stocks*	15,325,092	13,411,721
Imports	2,483,682	1,852,477
Refined—		
Production	22,432,968	22,232,421
Consumption	5,927,673	.....
Stocks†	48,884,466	35,342,664
Imports	115,082	666,243
Exports	.....	.....
Dynamite—		
Production	13,234,156	10,618,713
Consumption	7,785,410	.....
Stocks†	23,542,575	18,718,582

* Preliminary.
† Bureau of the Census.

CHICAGO, May 4.—Market conditions in c.p. and other grades of glycerin are holding in a satisfactory manner. There is little excitement in the market in spite of the fact that the trade continues to evince much interest in war possibilities abroad. Movement of material holds up well. Ruling prices are:—Chemically pure, tanks, 12¼c. per pound; drums, car lots, 12½c.; drums, less than car lots, 13c.; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Iodides.—Some gain in demand for the major iodides was reported and the market as a whole assumed a completely stable position on the spot. Interest of consumers was about normal. Suppliers of raw material reported excellent reserves being available at steady and attractive prices.

Menthol.—Little new was told; reports were a reiteration of those recently indicating the entirely routine character of consumer interest and the absence of trading much in excess of jobbing proportions. Stocks in reserve were ample in size. Quotations held free from further decline.

Mercurials.—Neither soft nor hard mercurials underwent further change in price. Recently established prices remained at the higher levels setup and their maintenance was in line with the lack of easing in the price of raw material. Very good demand was the rule for major items.

Methanol.—A situation of general firmness in prices and reasonably good request prevailed. The movement was in line with the general activity in consuming trades and was possibly less than might be ordinarily expected. However, there was a total absence of price unsettlement. Monthly statistics on production of crude and synthetic methanol, representing almost the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of Census, Department of Commerce. The data include production figures for 27 manufacturers.

Production

	Gallons			
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan....	2,462,884	315,814	2,896,894	458,347
Feb....	2,267,339	336,117	2,299,609	408,930
March..	2,406,564	364,500	2,343,828	432,800
Total.	7,136,787	1,052,471	7,531,331	1,300,077

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	Cords	
	1939.	1938.
January	33,353	44,874
February	31,715	40,001
March	33,353	43,281
Totals	100,369	128,156

Molasses.—No further reduction in the quotation on blackstrap at New Orleans was made last week; nor was there any change in the North Atlantic ports quotations. The situation seemed likely to remain very steady.

Quicksilver.—Prices held steady but there was a lack of more than very moderate interest displayed locally and trade seemed to be cribbed, cabined and confined to needs always small during the past week. However, foreign market prices remained firm at the levels substantially higher than those at which domestic metal has been selling.

SAN FRANCISCO, May 2, 1939.—Inquiry for quicksilver out of the East Coast market has been of a more limited nature during the week under review. Major sellers have their ideas pretty well set currently on a basis of $97.50 per flask, New York basis and are not pushing the sale, although reliable reports here stated that a transaction was involved during the week in New York at $95.

Quinine.—A firm market was reported. Seasonal consumption was expected to rise in the South and Southwest and suppliers in those areas have been covering parts of their early season requirements. The trade looked forward to an active Summer.

Rochelle Salt.—The strength of basic raw material was evident in the well held prices for this article on the spot. Also, very fair demand was an added support to an exceptionally steady market that gave promise of remaining well stabilized barring sudden and unexpected change in the cost of production.

Saccharin.—Trade grew considerably last week and the outlook for a reasonably good season was considered improved. Prices continued in the state of high stability featuring the market for a very long period of time.

Salol.—The fact that quotations continued to hold firm to steady and without sign of a change in the utter stability of prices so long a feature of the market was evidence of the very steady movement into consumption that was prominent last week.

Santonin.—More business has been reported in line with seasonal expectations and the market was definitely stronger all last week. March importations totaled 220 pounds.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	20⅛
Monday	31½	42¾	20 7/16
Tuesday	31½	42¾	20 7/16
Wednesday	31½	42¾	20¼
Thursday	31½	42¾	20¼
Friday	31½	42¾	20¼

Sulfanilamide.—Prices were steady to firm, and while demand was routine, it was at least the equal of that call reported by the producers in the recent past. Deliveries were prompt and the makers could cope easily with a substantially larger volume of request.

Trade Briefs

Medicinal and toiletry importers and dealers have been compiled by the Bureau of Foreign and Domestic Commerce, Washington. The list is available to accredited American firms at 10 cents a copy.

Codliver oil product lines are desired by a visitor from Newfoundland who arrived in the United States around April 18 for a visit of five weeks. Full details regarding this visitor are available to accredited American firms at the Bureau of Foreign and domestic commerce, Washington, by referring to foreign visitor No. 520.

Medicinal and toiletry lines are desired by a visitor to the United States, who will arrive from South Africa about May 31. Full details regarding the visitor are available to accredited American firms at the Bureau of Foreign and Domestic Commerce, Washington, by referring to foreign visitor No. 497.

Botanical Drugs, Spices, and Gums

Purchase of German Botanicals Grows Difficult—Near East Goods Transport Via Cape of Good Hope—Change in Arabic Freight for Buyers' Account

The market for botanical drugs depended on price developments for features last week. The recent surge of demand that covered a period of three weeks went into reverse and sales dropped off substantially during the greater part of last week.

In addition to price developments, the week did produce two events of importance. First, all goods obtained from Germany turned stronger, possibly because of German home requirements and maybe because of the unwillingness of Germany to allot exchange to cover the sale of such merchandise if it excluded trading in what Germany considered more essential merchandise. There remained also the suggestion of possible retaliation for the recent imposition of 25 percent ad valorem as a countervailing duty on German dutiable goods imported into this country and paid for in blocked marks. Second, transport of botanicals and other Near East agricultural products will be via the Cape of Good Hope beginning in June. This will immediately affect the transport of gum arabic and tragacanth, Alexandrian senna, fenugreek seed and the like. Also shippers of arabic have agreed to book business at current ocean freight rates with the proviso that any advance in rates between the date of contract and the despatch of goods will be for the account buyer.

Entries of botanicals at the port of New York since the week of January 1, 1939, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	...	832
Belladonna	...	103
Caraway	1,470	13,622
Cardamom (cases)	...	834
Celery	...	1,338
Coriander	...	4,554
Cumin	100	1,592
Digitalis leaves (cases)	...	...
Dill	...	212
Fennel	300	714
Henbane leaves (bales)	...	112
Mustard	...	8,953
Poppy	...	16,176
Sage leaves (bales)	...	976
Sesame	414	8,346
Stramonium (bales)	165	215
Thyme (bales)	...	282

Price Changes

Prices were changed during the past week as follows:—

Advanced

Buchu leaves, 2c. per lb.
Belladonna root, 2c. per lb.
Ginger root, African, ½c. per lb.
Kamala, 1c. per lb.
Lycopodium, 5c. per lb.
Larkspur seed, 2c. per lb.
Nutmegs, West Indian, ½c. per lb.
Orange flowers, 2c. per lb.
Pichi tops, 17c. per lb.
Poppy seed, Dutch,
Pepper, black, Alleppy, ¼c. per lb.
Lampong, ½c. per lb.
Senna leaves, T. V. No. 1, 2c. per lb.
No. 2, 1½c. per lb.
Senega root, 3c. per lb.
Soap bark, whole, 5c. per lb.
cut, 1c. per lb.
powdered, 1c. per lb.

Reduced

Arnica flowers, 1c. per lb.
Bayberry bark, 1c. per lb.
Cassia, Batavia, shortstick, ¼c. per lb.
broken, ⅝c. per lb.
China, selected rolls, 4½c. per lb.
Grains of Paradise, 2c. per lb.
Paprika, Hungarian, extra fancy, 1½c. per lb.
medium, 1½c. per lb.
Portugese, extra fancy, 2c. per lb.
fancy, 2c. per lb.
Poppy flowers, red, 5c. per lb.
Poppy seed, Dutch, ½c. per lb.
Polish, ¾c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
122.9	122.2	119.9	128.6

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Prices were steady. Demand was likewise, being level with recent volume and indicating that the requirements of manufacturing consumers changed little during the period under review.

Fir.—A fair sale of Canadian balsam for optical purposes was reported and the market retained a firm position as the result of sustained interest that was of moderate size. Oregon balsam was rather quiet.

Barks

Bayberry.—The market was shaded slightly, closing the week moderately easy on the basis of 13c. to 15c. per pound which was quoted according to seller.

Cascara Sagrada.—Trade was in abeyance, pending the announcement of opening prices for the new season in the Pacific northwest. The prospects last reported were mainly favorable for a fairly high figure being established at first, this for the reason that the carryover was declared to be inconsiderable; shortage of labor was not unlikely because of the drain caused by lumbering operations; and, finally, the areas to be peeled were a substantial distance in the interior.

Elm.—The stocks unsold from collections made last year were believed to be moderate in size and it was expected that collection would have to be stimulated considerably this year. Locally, the market was seasonally quiet, but also reasonably firm.

Simarubra.—The market was steady, being backed by a fair sized but usually jobbing interest in spot deliveries. Prices were very steady.

Soap.—Prices in Brazil continued to be advanced; a rise of ¾c. was reported last week. Spot quotations have been advanced very sharply at last, whole being established at 10¾c. to 12c. per pound. Crushed bark was slightly higher at 12c. to 13c. per pound; cut, 13c. to 14c.; powdered, 15c. to 16c.

Beans

Calabar. — Prices were moderately easy and buying support was still confined to the purchase of comparatively small lots out of spot stocks. Quotations remained unchanged.

Vanilla.—The market was strong in all its aspects. At home and abroad, the situation was the same: stocks were in firm hands who were convinced of the basic worth of all varieties of beans and who were faced with first costs that tended to make spot quotations favorable. In addition, a very fair amount of business was done locally with the manufacturers of extracts.

Berries

Buckthorn.—Quotations were steady locally, reflecting well maintained prices in the primary market and the absence of competitive pressure in local circles.

Raspberries.—Sellers reported only moderate demand. With a new crop in the making in the primary market, the tendency was to hold back for further possible declines in the firsthand quotations.

Flowers

Arnica.—The spot market was slightly lower at 28c. to 29c. per pound, but other than that the market showed little actual change from the situation prevailing over the past several weeks.

Chamomile.—Some fairly good-sized orders reached the spot and buyers found sellers to hold fairly firm price views in view of the foreign situation that at any time may develop in a way making for an upward revaluation of spot goods.

Malva.—Little has been heard of this material for some time. A check on the market last week found prices to be generally steady notwithstanding the lack of more than moderate consumer interest. A fair sized stock was available in local circles.

Orange.—The market was up to 35c. to 37c. per pound, closing the week firm and well maintained as well as being well in line with the firm prices quoted from markets supplying the spot.

Poppy. — Quotations were slightly lower at $1.05 to $1.10 per pound in one quarter. Others reported more competition but were awaiting further developments because of the fact that not a great deal of demand was current locally during the period under review.

Saffron.—The market was fully firm. Spanish goods were well held in the few quarters having prompt delivery stocks in hand and such quarters reported an absence of normal replacement offerings from the primary market. A fair but not expanding consuming interest was noted.

Gums

Arabic.—This gum lacked new local development but events likely to affect the market later on were reported in the Sudan. One of the largest transportation companies has notified local importers that beginning in June, it would route all shipments of this gum via the Cape of Good Hope—the southern tip of Africa. Further information was to the effect that shippers have agreed to accept business at present ocean freight rates but should the rate advance between date of contract and shipment of goods, the advance will be for the account of buyer.

Camphor.—Imports in March totaled 72,752 pounds of crude from Japan; 72,914 pounds of refined from Japan; and 246,072 pounds from Germany and 448 pounds from the United Kingdom. The spot market was fairly steady but demand was moderate for the most part and deliveries were little in excess of those current in recent weeks.

Mastic.—The situation in the Mediterranean area was such as to cause sellers to view the future with uncertainty. War in Europe would probably hamper if not exclude all shipments of this gum.

Tragacanth.—Recent announcements of some ocean freight carriers to the effect that beginning in June, all shipments confided to these carriers will be routed by the Cape of Good Hope, thus avoiding the dangerous Mediterranean Sea area which would be a naval battle ground in the event of war.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Herbs and Leaves

Buchu.—The market was 32c. to 34c. per pound, according to quantity and seller, showing a firmer position, now that the impact of new crop prices has worn off somewhat.

Marjoram.—French goods were higher at 20c. to 22c. per pound, thus extending the advance started some weeks back and supported continuously by market strength. Tunisian leaves were firmer but unchanged.

Pichi. — Sellers were unable to get anything from the South American primary market. The spot market on open trading was 35c. per pound, but most dealers were without a supply. One quarter had a fair supply, which it reserved for its own customers, and in that direction 22c. and lower has been done. This quarter will not offer on general market inquiries.

Senna.—A temporary shortage in No. 1 T. V. leaves has developed, and the market was fully 11c. to 12c. per pound; No. 2, 8½c. to 9c. No. 3 was still available at 5c. to 5½c. However, some importers reported an ample offering of new crop from the source, and expected that values would ultimately be returned to fairly normal position.

Miscellaneous

Ergot.—The spot market held as firm as that abroad, and that was plenty firm throughout the past week. While not a great deal of local trading was reported. sellers were reserved and held views that were definitely based on present conditions and future probabilities abroad.

Kamala.—The market was 21c. to 22c. per pound and considerably firmer. Some sellers have advanced beyond that limit, but others did not follow, though asserting that the present tendency was toward further rise.

Lycopodium.—Some substantial selling has been done in local circles, and one quarter has established a minimum of $1.25 per pound. Others offered at $1.15 per pound. All said that the future was uncertain.

Manna.—A fair-sized trading in moderate quantities contributed to the firmness of market undertones and the generally well-maintained spot prices for both large and small flake.

Nux Vomica.—No more car lot business in powder was reported, but the market was apparently quite firm, and conditions suggested continued strength as the underlying feature of the spot situation.

—Continued on page 52

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Isinglass
Isopropylchloronaphthalenesulphonic acid
Kaolin
Lead-titanium tungstate-resinate
Meta-aminodimethylanilin
Methyl acetylricinoleate
Methyl ester of acetylated polymerized ricinoleic acid
Methyl oleicsulphonate
Methyl ricinoleate
Methyl undecylinate
Methylenedisulphonic acid
Methylethyleneglycol monopalmitate
Methylhexalin
Mineral oils, sulphonated
Mineral oil sulphonic acids
Miscibol
Monobutylnaphthalene-sulphonic acid
Naphthasulphonic acids
Oleic acid
Olein
Pectins
Polysaccharides
Potassium betatetrahydro-naphthalenesulphonate
Potassium heptylnaphthalenesulphonate
Potassium hexylnaphthalenesulphonate
Potassium isoallylnaphthalenesulphonate
Potassium oleoabietate
Potassium pentylnaphthalenesulphonate
Proteins
Resin oils
Resins
Ricinoleic acid
Rosin
Rosin oils
Saponin
Sludge sulphonates
Sludge sulphonic acid
Soap
Soap sludge sulphonates
Sodium alginate
Sodium alphatetrahydro-naphthalenesulphonate
Sodium betatetrahydro-naphthalenesulphonate
Sodium decylsulphonate
Sodium hydroxide
Sodium oleate
Sodium pentanaphthalene-sulphonate
Sodium propylnaphthalenesulphonate
Solvoil
Soybean lecithin
Starch
Sulphonic acids
Tannins
Tragacanth
Tetradecene
Tetrahydrobenzene
Triamylamines
Triethanolamine
Triethanolamine oleate
Trihydroxyethylamine
Trihydroxyethylamine linoleate
Trihydroxyethylamine stearate

Reagents Used in the Separation of Naphtha

Ammonia soap
Ammonium bicarbonate
Ammonium carbonate
Aqua ammonia
Laundry soap
Naphthenates
Naphthenic soap
Potash soap
Potassium bicarbonate
Potassium carbonate
Potassium hydroxide
Sludge sulphonates
Soaps
Soap sludge sulphonic acid
Soap sulphonic acid
Soda soap
Sodium bicarbonate
Sodium carbonate
Sodium hydroxide
Sulphonates

Solidifying Agents for Naphtha

Alcohol
Alcoholates
Ammonium stearate
Aqua ammonia
Calcium chloride
Fatty acids
Methanol
Oleic acid
Palmitic acid
Potassium stearate
Soap
Sodium hydroxide
Sodium ethylate
Sodium stearate
Stearic acid

Solvents Miscible with Naphtha

Acetone
Acetylene tetrachloride
Alcohol
Amyl acetate
Amyl alcohol
Benzene
Butanol
Butyl acetate
Butyl alcohol, normal
Butyl butyrate
Butyl carbitol
Butyl cellosolve
Butyl ether, normal
Butyl ethylcarbonate
Butyl propionate
Carbitol
Carbitol acetate
Cellosolve
Cellosolve acetate
Chloroform
Cyclohexanone
Cyclonol
Decalin
Dibutyl phthalate
Dichlorethyl ether
Diethylene oxide
Diethyleneglycol (slightly)
Diethyleneglycol butyl-ether
Diethyleneglycol mono-acetate
Dimethyl phthalate
Dioxan
Ether
Ethyl acetate
Ethyl ether
2-Ethylbutanol
2-Ethylbutyl acetate
Ethylene dichloride
Ethylene oxide
Ethyleneglycol (partially)
Ethyleneglycol bntylether
Ethyleneglycol diethyl-ether
Ethyleneglycol ethylether
Ethyleneglycol icoamyl-ether
Ethlyleneglycol isobutyl-ether
Ethyleneglycol isopropyl-ether
Ethyleneglycol methyl-ether
Ethyleneglycol propyl-ether
Gasoline
Glycol diacetate
Glycol monoacetate
Glycolether acetate
Hexalin
Hexalin acetate
Hexanol, normal
Hexone
Isobutylethyl ketone
Isopropanol
Isopropyl acetate
Isopropyl ether
Kerosene
Methanol
Methyl acetate
Methylamyl acetate
Methyl carbinol (partially)
Methyl cellosolve
Methylamyl alcohol
Methylcyclohexanol
Methylcyclohexanone
Methyldiphenylcyclo-hexane
Mehylhexalin
Methyl-normal-amyl ketone
Octyl acetate
Octyl alcohol
Propylene dichloride
Propylene oxide
Propyleneglycol
Propyleneglycol ethyl-ether
Propyleneglycol isopro-pylether
Propyleneglycol methyl-ether
Tetraethyleneglycol
Tetraethyleneglycol ethylether
Tetralin
Trichloroethylene
Triethyleneglycol
Triethyleneglycol ethyl-ether
Turpentine
Toluene
Xylene

Naphthaldi-hydric Acid

Catalysts Used in Manufacture of Naphthaldihydric Acid

Aluminum
Cobalt
Iron
Metallic oxides
Nickel
Vanadium oxide

Naphthalene

Catalysts for Hydro-genation of Naphtha-lene

Chromium
Chromium, colloidal
Chromium compounds
Cobalt
Cobalt, colloidal
Cobalt carbide
Cobalt compounds
Cobalt oleate
Cobalt oxide
Cobalt silicide
Colloidal metals
Copper
Copper, colloidal
Copper compounds
Copper oleate
Iron, colloidal
Iron carbide
Iron compounds
Iron oleate
Iron oxide
Iron silicide
Manganese
Manganese, colloidal
Manganese compounds
Manganese oleate
Metal compounds
Metal oleates
Molybdenum
Molybdenum compounds
Molybdenum oleate
Nickel
Nickel, colloidal
Nickel carbide
Nickel compounds
Nickel oleate
Nickel oxide
Nickel silicide
Platinum
Platinum black
Platinum sponge
Thorium
Titanium
Titanium, colloidal
Titanium compounds
Titanium oleate
Vanadium
Vanadium, colloidal
Vanadium compounds
Vanadium oleate
Zirconium

Catalysts for Oxida-tion of Naphthalene

Aluminum oxide
Ammonium bicarbonate
Ammonium metavanadate
Ceric chromate
Ceric iron-chromate
Ceric vanadochromate

(To be continued)

Botanical Drugs

—Continued from page 51

Roots

Belladonna.—Offerings from the source were said to have ceased. One prominent quarter has advanced USP goods to the basis of 28c. per pound. The spot market was minimum at 20c. per pound at a late hour in the week.

Ipecac.—Reports have suggested that several varieties of this article were strengthening. The situation was being studied, and if confirmation of the full reports reaching here be obtained, some revision in local circles may result.

Rhubarb.—The market continued to be firm on the basis of the recent advances in price. However, doubt of the probability of primary market shippers maintaining present prices over a long period of time existed, probably for the reason that such had not been the case in the not far distant past.

Senega.—Evidence of the strength ruling the primary market for a long time past was brought out again last week when the spot price was found to be 68c. to 70c. per pound. Since new crop will not be marketed for some time, present stocks were apparently subject to conservation policies.

Seeds

Celery.—French prices were slightly lower, but the spot was not affected. A market of narrow proportions ruled throughout the week.

Fennel.—The spot market on large seed from Germany was practically nominal since little or nothing was available. It was declared that stocks in Germany were being arbitrarily withheld from export.

Larkspur.—The article was extremely scarce on spot and could not be had at all from the origin. Spot quotations were advanced to 34c. to 35c. per pound.

Poppy.—Dutch seed was lower at 8⅛c. to 8½c. per pound; Polish, 7⅞c. to 8⅛c. These were reflections of influences having their origin abroad.

Spices

Cassia.—Batavia shortstick was down to 12½c. to 13c. per pound, and broken was off to 10¾c. to 11¼c. China selected rolls were sharply reduced to 9c. to 9⅜c. Other varieties of this item did not change.

Ginger.—Only African root changed in price and that item was a very small fraction higher at 4⅞c. to 5c. per pound.

Paprika.—Local holders of stock, particularly that obtained from Portugal, sought to reduce their holdings and prices were lower. Hungarian extra fancy was priced at 31c. to 32c. per pound; medium, 30c. to 31c. Portuguese extra fancy was down to 30c. to 31c.; fancy, 29c. to 31c. Spanish pepper was not changed in price.

Pepper.—Black Alleppy was a small fraction higher at 7½c. to 7¾c. per pound and Lampong was also up to 3⅞c. to 4⅛c. Neither white nor red pepper prices were altered, remaining generally steady.

Trading in black pepper futures on the New York Produce Exchange from April 29 to May 5, inclusive, comprised 29 contracts, a total of 974,400 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
March	3.81	3.75	3.65@3.73
April	3.80	3.74	3.68@3.77
May	3.27	3.27	3.25@3.31
June	3.35	3.35	3.30 nom.
July	3.44	3.40	3.37@3.40
September	3.55	3.50	3.46@3.50
December	3.63	3.63	3.54@3.58

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Essential Oils, Aromatic Chemicals

Late Rise in California Strongly Maintained—Thyme Up Moderately —Cassia Unsettled and Lower — Citrous Oil Sales Hampered by Weather—Benzyl Benzoate Down

Practically all reports indicated that the general movement of essential oils and aromatic chemicals into consumption channels was distinctly light. The market certainly lacked activity associated with a normal traffic in these entities, and it was apparent that the general leveling of commerce and trade throughout the country was taking its toll of volume in this commercial group.

Prices appeared to be generally steady. No serious shading of quotations was reported, though it was confessed that competition for attractive orders was certain to be active enough to cause sellers to sharpen pencils and figure prices to a point where warranted profits were in jeopardy. Need to keep stocks turning over was apparent.

Citrous oils felt the effect of cold, unseasonable weather; the movement was poor. However, California lemon was strongly maintained at the recent rise, and Italian oil certainly lacked weakness. Orange was entirely routine.

Artificial sassafras brought slightly higher prices, as also did red and white thyme oil. Cassia was cheaper in a dull market, but anise held despite a lack of much activity. Peppermint was dull, quiet, but inclined to be weak. Spearmint was no better than unchanged. Juniper tar, which comes form Spain, was down slightly.

Among the aromatic chemicals, bromstyrol was higher, while benzyl benzoate was down sharply as the result of competition that did not originate with the domestic producers. Also, hydroxycitronellal dimethylacetal was lower.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bromstyrol, 25c. per lb.
Lemon, California, 25c. per lb.
Messina, 25c. per lb.
Sassafras, artificial, 1c. per lb.
Thyme, red, 5c. per lb.
white, 15c. per lb.

Reduced

Benzyl benzoate, 21c. per lb.
Cassia, 5c. per lb.
Hydroxycitronellal dimethylacetal, 50c. per lb.
Juniper tar, 1c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.2	**67.7**	**69.1**	**71.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Anise.—Fair stability governed in the market for this article last week. Prices were very steady at home and abroad. Demand was moderate in size but about level with the undertakings of buyers in recent weeks. Stocks were moderate in size.

Bay.—The spot market was fully firm in all respects, and, although there was a substantial spread between minimum and maximum price views of different suppliers, the situation in that respect was based purely on quality considerations, according to the views of representatives of the largest producers in Puerto Rico.

Bergamot.—Routine request was current locally throughout the past week and, in the main, trade was confined to prompt requirements of a not increasing number of manufacturing consumers. Replacement and spot prices were well maintained.

Cajeput.—Slightly more inquiry was noted, and some sales involved a gain in quantities taken by a few buyers. Prices were generally steady in the absence of aggressive competition between dealers.

Camphor.—The situation as regards a return to normal, and unrestricted exports from the primary market changed not the slightest. The spot market remained on a nominal basis and prices to be paid were set at the time of sale.

Cananga.—Trade was of the jobbing sort, identified best by the expression "hand-to-mouth." Buyers bought only their prompt requirements, relying on dealers to carry stocks sufficient to assure the consumers a continuing supply of the material. Prices held.

Cardamom.—A new imitation product was placed on the market by one of the more prominent essential oil houses. Genuine oil was steady to firm, but came in for only a moderate request.

Cassia.—The market was lower at 85c. to 90c. per pound, reflecting once more the unsettled and generally easier position that had been developing in recent weeks. Buyers were disposed to go slow in placing commitments, preferring to permit values to find a definite bottom.

Citronella.—The moderate improvement in the spot position of Ceylon oil was not extended. However, a fairly firm situation prevailed at all times and a moderate demand aided in creating a moderately stable position. Exports from the Netherlands India to this country during the past five years were as follows:—

	Metric tons.
1938	797
1937	437
1936	581
1935	450
1934	787

The 1938 export to the United States was the largest in the past ten years.

Clove.—The leading producers report the market virtually unchanged. They also report demand to be rather slow and trade to be restricted to the requirements of buyers usually trading in jobbing quantities. Prices were maintained.

Coriander.—The stability of prices was confirmed by the leading distillers in this country. Demand was moderate, but the movement of small lots into consumption was exceptionally steady.

Erigeron.—The stock being carried over was declared to be small, but sufficient for all probable requirements of buyers between now and the marketing of another crop. Prices were firm.

Eucalyptus. — The primary market was firm in line with the lessening production caused by poor growing conditions that were induced by drought. Spot quotations were very steady.

Geranium. — Replacement prices were on the firm side and the market as a whole was well maintained regardless of the lack of more than moderate consuming interest in spot offerings. Production of geranium oil on the Island of Reunion continues to be extended, though the 1939 output will probably fall short due to droughty conditions in the early part of the year. The output in 1938 was reported at 132,571 liters, which compared with 126,415 liters during the preceding year, 59,821 liters in 1920, and 10,000 liters in 1900. Heretofore geranium was only grown at St. Pierra and at Tampon, but cultivation has now been extended to Entre-Deux, St. Joseph, and to the Caffer and Palmetto plain. It is believed that the 1939 season will most likely show a deficient crop on account of the recent severe drought.

Grapefruit.—Plentiful stocks were available at attractive prices. Consuming demand was along quiet lines that changed little from the absorption of offerings over the past month. Undertones were steady.

Ginger.—The low cost of raw material made it easy for makers of this oil to keep values favorable for the consumer. However, there seemed to be little tendency to go under the minimum of recent prices, and, in fact, the market so far as values were concerned was steady.

Juniper Tar.—The market was slightly lower at 38c. to 39c. per pound in drums and 40c. to 41c. per pound in cans, being mainly the result of a very narrow consumption outlet for the not especially substantial spot stocks of the item.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Lemon.—Reports concerning the position of Italian oil varied some last week. Cables received in certain quarters were up moderately while those reaching other factors were off slightly. Locally, the market held steady to firm for quality brands while some other brands were slightly easier. California oil at a late hour in the week was firm on the basis of the advance noted in the closing moments of the previous trading period—namely, $2.40 per pound.

Orange. — The not too favorable weather conditions have hampered consumption of this article considerably. The usual expansion of demand during the mid-spring period has yet to develop. The low cost of California oil served to turn much of the domestic consumption to that material.

Peppermint.—Open prices were no lower but the market was still under the influence of some sellers' desire to reduce inventories. However, it was realized that present prices were very low compared with the normal value of the item and may result in some lessening of the acreage cultivated this year.

Sassafras.—Artificial oil in drums was

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priced at 36c. to 37c. per pound while in cans the market was 38c. to 39c. The strength of this article connected directly with the difficult situation surrounding raw material when wanted for manufacturing operations in this country.

Thyme.—Because of the situation surrounding spot stocks and the replenishment thereof, spot quotations turned up higher at $1 to $1.25 per pound for red, and $1.10 to $1.25 for white oil.

Aromatic Chemicals

Benzyl Compounds.—With the exception of benzyl benzoate, this group was declared to be in generally steady position. The benzoate was found to have been quietly reduced in order to meet severe competition that had developed in a quarter said not to have been a manufacturer. The new quotations set up by the producers to meet the situation were 67c. per pound in drums and 71c. in cans.

Bromstyrol.—Quotations were higher at $3.50 to $3.75 per pound depending on quantity and quality. The rise reflected a change in the replacement value of the article. A fair business was noted.

Cinnamic Aldehyde.—Price stability was a feature and with a fair manufacturing requirement entering the spot daily, the situation was one of moderate strength and absence of unsettlement.

Citronellal.—Trade was routine and quantities required continued to be moderate. However, quoted values held very well and not too much competition tended to keep them fairly stable last week.

Citronellyl Butyrate.—The call was moderate in size, but reached sellers steadily and involved quantities sufficient to keep quotations generally on the steady side in local circles.

Diphenyl Oxide.—A continuous call for moderate quantities was reported by resellers of this item, but the call reaching first-hands was moderate, for the reason that suppliers had a very fair-sized reserve in hand. Prices remained well stabilized.

Ethyl Vanillin.—Low and attractive prices were in effect. Producers reported a fair replacement sale to dealers. The latter had a very good call that tended to keep the market on an even keel.

Hydroxycitronellal Dimethylacetal.—The spot price on this item was lower at $3.50 per pound as the result of a more competitive market made possible prices of a more favorable character having been set up on replacement offerings.

Isobornyl Acetate.—The pine needle odor of this aromatic commended itself to a very good-sized group of buyers. The result was steady prices and a market of but moderate competition.

Linalool.—Trade sagged moderately. At the best it was built mainly of hand-to-mouth requirements, but the absence of a broader consuming requirement failed to reflect adversely on prevailing prices.

Linalyl Acetate.—Business was slow. Buyers bought only as needs of an immediate sort dictated, and, on the whole, the situation indicated a market of subnormal activity most of the time. Prices were fairly steady.

Methyl Acetophenone.—Offerings were ample to cover a much more substantial consuming request than reached the spot last week. Buyers appeared to be somewhat reserved; at least, they rarely exceeded their prompt requirements when placing orders. Prices remained steady.

Methyl Anthranilate.—Domestic and imported goods alike were in very fair request, and the market as a whole was very steady in all respects. Reserve stocks were ample in size.

Musk.—The market on synthetic musk lacked change, was still competitive, but received a fair call for limited quantities, for which full prices were usually paid. Imports of natural musk in 1938 declined in comparison with those in 1937. Receipts from China were off considerably. Comparative figures, together with sources originating shipments, were as follows:—

	1937.		1938.	
Origin.	Pounds.	Value.	Pounds.	Value.
Germany	...	$55	...	...
France	41	6,496	29	$5,850
United Kingdom	9	2,549	13	3,525
British India...	2	278	1	165
China	284	44,106	225	25,666
Hongkong	3	59	56	4,823
Totals.....	439	$53,543	324	$40,049

Paracresyl Acetate.—Inquiry was light. Buyers were on the market usually for hand-to-mouth quantities, and in the main the trade gave evidence of consumers being well stocked against their future requirements.

Phenyl Acetaldehyde.—Both strengths moved fairly well and both occupied a steady price position in the absence of much competition between the leading sellers of the item. First costs tended to restrict the price shading possibilities of sellers.

'Givaudanian' Discusses Certain Business Forecasts

The monthly issue of the *Givaudanian*, house publication of Givaudan-Delawanna, Inc., synthetic aromatic chemicals, this city, contains an editorial by Dr. Eric C. Kunz entitled "Giant and Pikers of Misrepresentation" centered on the accuracy of certain business forecasts as issued by a group of incorporated economic authorities whose opinions are based on research organizations working on a definite theory and under definite plan supposed to reflect not only the current status of the nation's business but allowing at the same time an estimate of the nearby future. The heart of the editorial has to do with a report issued last August and covering the outlook for Fall business. Dr. Kunz contrasts the optimistic forecast with the depression of business last Fall.

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STOCKS CARRIED IN PRINCIPAL CITIES

A.D.M.A. Discusses Law and Research

—Continued from page 3

Dr. Anderson spoke favorably with reference to the movement for socialized medical care, outlining the proposals and recalling his early suggestion of the more than a decade ago when he was engaged in public health work. His advice was that drug manufacturers adopt a policy with respect to the medical care program similar to that of the American Medical Association, which he read, and he urged that the program as a whole be not opposed.

Analytical references to the value of co-operative research in the industry and to the discussion of centralized control of medical patents were also a part of Dr. Anderson's address. He also commented appreciatively on the wide service that was being performed by the association's headquarters staff and on the growth and financial stability of the organization. Four new members had been enrolled during the past year.

The New Officers

By unanimous approval of the report of the committee on nominations the convention elected the following officers for the association:—

President, S. DeWitt Clough, of Abbott Laboratories, Inc., North Chicago, Ill.

First vice-president, John G. Searle, of G. D. Searle & Co., Chicago.

Second vice-president, Frederick S. Stearns, of Frederick Stearns & Co., Detroit.

Third vice-president, George W. Merck, of Merck & Co., Rahway, N. J.

Treasurer, Robert Lincoln McNeil, of McNeil Laboratories, Inc., Philadelphia.

Additional members of the executive committee, Dr. A. W. Lescohier, of Parke, Davis & Co., Detroit; Dr. L. N. Upjohn, of the Upjohn Company, Kalamazoo, Mich.; John S. Zinsser, of Sharp & Dohme, Inc., Philadelphia; M. C. Eaton, of the Norwich Pharmacal Company, Norwich, N. Y., and Dr. John F. Anderson, of E. R. Squibb & Sons, New Brunswick, N. J.

The executive committee re-elected as executive vice-president and secretary, Carson P. Frailey, Washington,

The Year's Activities

Happenings of the association's year, in legislation of a directly pharmacal interest and that more broadly applicable, in foreign trade, and in socialization of medical care, were reviewed by Carson P. Frailey in his report as executive vice-president and secretary. Mr. Frailey, as mentioned above, commended to the association an interest in fundamental research, declaring that the industry should not delegate its leadership in research to governmental or other agencies.

Mr. Frailey also told of the work of the trademark bureau, and sketched the activities of the several committees. He spoke of the volume of service to individual members that the headquarters staff had rendered, and he asked that the facilities in this connection be uutilized to their full possibilities.

Treasurer Robert Lincoln McNeil reported receipts of $35,523 during the year, disbursements of $34,111, and a balance on hand of $14,570.

Legislative events of the year were reviewed by Horace W. Bigelow, general counsel and chairman of the legislative committee. The topics presented included the formulation of regulations under the new food, drug, and cosmetic act, the movement to defer the effective date of certain provisions of that law, the preparation of models for guaranties under the law, the pioneer work of drug manufacturers in the endeavor to further uniformity and harmony in State drug laws, and the conferences in respect of minimum wages in the industry under the public contracts labor law.

The convention adopted a resolution expressing the gratitude of the association to Parke, Davis & Co. for its having made Mr. Bigelow's services available for seventeen years, and also expressing to Mr. Bigelow grateful appreciation of his long services.

An informative report on insurance matters was presented by Dr. Paul S. Pittenger, special attention being given to the possibilities in broad-coverage policies.

Eight amendments to the national labor relations (Wagner) act were offered in the report of the committee on employment problems, read by the chairman, Wilbur F. Campbell. These were designed to make the law equitable in its treatment of employers and employees; to get recognition for a worker's right not to join a union; to respect fully the right of free speech between employers and employees; to prohibit coercion of all sorts from any source; to get recognition of the fact that employees, as well as employers, could be unfair in their practices and to assure fairness and respect of contracts on both sides.

The committee's position was that government should assume the role of an impartial umpire, require fair play on the part of all, and afford equity to all in every labor dispute or problem.

Dr. Durrett's explanation of the requirements which the Food and Drug Administration applies in considering applications on new drugs encompassed information on what was expected of those who do experimental work on such drugs; what is regarded as being safe under the law; and the emphasis laid on the labeling as an indication of the field in which the drug was to be used.

Dr. Durrett urged that all relevant available information be submitted with the application, in order that time might be saved. He made it clear that an application would not be filed with the Secretary of Agriculture unless its information was considered adequate in all respects. He made the further point that the labeling of a drug must be complete for all uses, and explained that a change in the suggested application of a drug made it again a new drug in the sense of the law. He advised that a new drug be not named in a style that would suggest its applicability in diseases for which it was not suited.

The individuality of drug law problems was stressed by Dr. Durrett in his talk on new drugs and in his answering of questions subsequently presented. He emphasized the point that even slight differences in labeling, as well as differences in the manner or field of the marketing of a drug could change its status substantially. He also emphasized that preparations for physicians' use must bear adequate warning labels.

Dr. Leech said that the A.M.A. council on pharmacy and chemistry was not changing its rules for the acceptance of drugs. In many respects, he said, these are more stringent than are the related requirements of the new food, drug, and cosmetic law, citing the council's requirement of full formula disclosure and the rule that eliminates all advertising or labeling that enables self-medication.

The speaker explained the council's requirement that clinical data be fully substantiated under control methods, and told of the frowning upon careless or biased clinical articles used as reprints. He was not inclined to regard with favor the tendency to designate compounded drugs by coined fancy names.

The meeting was well attended, the official registration being 232. The 1940 meeting will be held in the week of May 6, in White Sulphur Springs, W. Va.

A more comprehensive report of the meeting, with abstracts or full texts of reports and addresses, will be published in the May 15 issue of the REPORTER.

Spice Trade Ass'n Plans For Convention Completed

The thirty-third annual convention of the American Spice Trade Association, in session from May 8 to May 10 inclusive, will have convention headquarters in the Hotel Astor, this city. Early registrations indicate an excellent attendance at the gathering which will consider numerous and important problems of the spice industry. The three-day program is as follows:—

May 8:—Visit to the New York World's Fair in the day time and a "get-together hour" at headquarters in the evening.

May 9:—Grinders' meeting in session all day.

4 P.M.—Dealers' section meeting.
4 P.M.—Brokers' section meeting.
6 P.M.—Stag dinner.
8 P.M.—Bowling tournament, N. Y. Athletic Club.

May 10—11 A.M.:—Vote on proposed contract amendments.

1 P.M.—General Convention Session. President Thayer's address; committee reports; new business; election for officers.
8 P.M.—"Spice for Flavor Banquet."

Fred Rauch, special representative of S. B. Penick & Co., botanicals and pharmaceuticals, this city, is convalescing from an illness which put him in a Chicago hospital after the recent meeting there of drug manufacturers and wholesalers. He was able to return home at the end of last week.

Petroleum Solvents, Lubricants, Fuels

Crude Oil Reduced in Louisiana Field—Gasoline Prices Revised in Ohio—Heavy Fuel Oil Very Strong—Seamen's Strike Fails to Halt Shipments—Oil Output Up

One company reduced the price of crude oil in a Louisiana field, and gasoline prices were revised in Ohio to mark the chief activity in the market last week. On the eastern seaboard heavy fuel oils were exceptionally strong due to the extra demand created by the coal shortage. Gasoline was moving into consumption at a healthy rate and crude scale wax was rapidly disappearing from the market because of the extreme scarcity.

Reports from the Midwest indicated that the Spring consumption of motor fuel will be very high. Kerosene and tractor fuel oil were also well maintained in that area, but heating oils business had eased off in seasonal fashion. The market for most materials on the Gulf Coast was about the same as the previous week. Refiners in the Midcontinent section were well sold up and were having trouble making prompt shipments of gasoline. A great deal of under-priced material was appearing in the market.

No ill effects had been felt in any of the refined markets as a result of the shipping strike. Shipments were moving on schedule and tankers were being loaded and unloaded at all Atlantic and Gulf ports. Unofficial observers were of the opinion that a settlement will soon be made between the companies and the striking seamen in view of the fact that the strike has, so far, failed to tie up shipments.

An increase in the Mexican output of crude oil of as much as 60,000 barrels daily was forecast for this year by the managing director of the official oil company in that country. The higher production will be taken care of by important barter deals with Germany for machinery, United States for drilling and other well equipment, Italy for three tankers, and Japan for silk.

Daily average gross crude oil production in the United States during the week ended April 29 was 3,568,200 barrels, compared with 3,526,700 in the previous week, an increase of 41,500 barrels, according to the American Petroleum Institute. A gain of 11,150 barrels in the daily output of Illinois was the important change. Reports from companies owning 85.8 percent of the nation's refining capacities indicated that the industry as a whole ran to stills 3,405,000 barrels of crude oil daily during the week, and that all companies had in storage at refineries, bulk terminals, in transit and in pipe lines as of the end of the week 86,794,000 barrels of finished and unfinished gasoline, 21,072,000 barrels of gas and distillate fuel oil, and 105,640,000 barrels of heavy fuel oil.

Stocks of domestic and foreign crude petroleum at the close of the week ending April 22 totaled 277,156,000 barrels, according to the Bureau of Mines. Compared with the total of the previous week, this represented an increase of 1,299,000 barrels, comprising increases of 1,075,000 barrels, and 224,000 barrels in stocks of domestic and foreign crude, respectively. Heavy crude oil stocks in California, not included in the "refinable" stocks, totaled 15,507,000 barrels, a decline of 151,000 barrels from stocks on hand April 15.

Outputs and Quotas

A comparison of Bureau of Mines calculations for April productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended April 29, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ...	473,300	428,000	462,100
Kansas	152,700	156,850	177,750
Texas 1,412,700	†1,432,705		1,461,800
Louisiana ...	262,000	257,920	266,700
Arkansas ...	53,300	52,993	54,700
Illinois	149,300	.....	185,650
Eastern	104,800	.....	106,100
Michigan ...	48,300	.....	62,450
Wyoming ...	50,000	.....	60,450
Montana	15,300	.....	14,350
Colorado	5,000	.....	3,500
New Mexico.	115,300	113,700	108,050
California ...	592,000	‡575,000	604,600
Total 3,434,000		.....	3,568,200

* These are Bureau of Mines' calculations of the requirements of domestic crude oil based upon certain premises outlined in its detailed forecast for the month of April. As requirements may be supplied either from stocks, or from new production, contemplated withdrawals from crude oil inventories must be deducted from the Bureau's estimated requirements to determine the amount of new crude to be produced.

† Net daily average basic allowable for the thirty (30) day period beginning April 1st. Shut-downs are ordered for all Sundays during April.

‡ Recommendation of Central Committee of California Oil Producers.

Solvents and Diluents

No new feature appeared in the market during the period under review, both shipments and demand remaining routine. All prices were firm at the quoted levels.

Cleaners' Naphtha.—Other sellers of the No. 30 high-solvency aromatic material followed the lead of the company which reduced the price ½c. two weeks ago. The price was stabilized at 15c. per gallon, f.o.b. New Jersey refineries.

Lacquer Diluent.—Lacquer manufacturers continued to show a fairly keen interest in offerings and shipments of this material were good. Inquiries for future delivery fell off a bit, however, which indicated a possibly quieter market this week. The price continued firm at the scheduled level.

Petroleum Thinners.—The spot demand in the market made small gains last week consolidating the better position reported two weeks ago. All prices continued steady and unchanged at the quoted levels.

Rubber Solvent.—The Akron tire manufacturers showed less interest in offerings last week, but despite the slackness shipments remained fairly steady. The price was firm.

V. M. & P. Naphthas.—The market moved in routine fashion with demand holding about the same and all prices unchanged.

Chicago, May 4.—Buying of various grades of petroleum solvents and diluents has held up well here, with the indications that demand in some consuming lines would be all that had been expected. The price structure is steady and there is no unusual market disturbance. Cleaners' material has been moving well. Tire makers are said to have taken good amounts of solvent. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 3⅞c. to 4c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.2c., tankwagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 15.9c., tankwagon; V.M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, May 4.—A good demand for the rubber solvents and the V.M. & P. with shipments running at a higher rate occurred this week. Quotations, however, are unchanged in all grades.

Lighter Fractions

The light hydrocarbon gases were in slightly better demand last week, although no prices were changed. Shipments increased satisfactorily and buyers showed a better interest in future delivery.

Butanes.—Activity was stirred by a welcome demand which gave strength to a market that had been only routine for several previous weeks.

Pentanes. — The undertone of the market became firmer as a result of fractional increases in demand. Price-wise the situation was unchanged.

Octanes. — This mixture attracted more interest last week which, coupled with gains made two weeks ago, resulted in a very active market. Suppliers were shipping material at a healthy rate and buyers were placing orders for future delivery. The price continued at the level that had been in force for several months previously.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1939 Jan. 1-May 6	1938 Jan. 1-May 6
Commercial crude oil production	430,003,000	426,127,500
	Week ended May 6, 1939	Week ended May 7, 1938
Daily average production	3,623,772	3,382,500
	Week ended Apr. 29, 1939	Week ended Apr. 22, 1939
Estimated motor fuel stock total	86,794,000	87,769,000
Estimated finished motor fuel stock at refineries	54,331,000	55,540,000

Petrolatums and Waxes

Crude scale wax continued to be one of the strongest materials in the market for refined products. A small pick-up in the demand for mineral oils was reported. Other sections of the country reported fairly routine market conditions.

White Mineral Oils.—A small spurt in demand added firmness to the market for these materials. Sellers of both the domestic and imported products reported heavier sales volume last week and more inquiries for future delivery.

Paraffin Wax.—The quoted price was 2.85c. per pound for all grades of crude scale in the New York market. Material was very scarce, however, and many quarters doubted that suppliers would give up their material, at that figure.

Chicago, May 4.—The petroleum refined wax market remains comparatively steady, with no special features noted. Movement of material out on current orders seems to be holding at a rather good rate and the price structure is giving a good account of itself. Most buying is in not overly large lots. Ruling prices are 122-124, 4.25c. to 4.30c. per pound; 125-127, 4.35c. to 4.4c.; 127-129, 4.7c. to 4.75c.; 130-132, 5c. to 5.05c.; 132-134, 5.25c. to 5.3c.

Tulsa, May 4.—There is a strong demand for all grades for domestic and export material with the 124-26 American crude at 2¾c. per pound.

Petrolatum.—Shipments into domestic industrial channels gained somewhat last week and the price schedule took on added firmness. Manufacturers were watching the European markets closely with the knowledge that if war breaks out the demand for this munition ingredient will shoot sky-high.

Fuels and Lubricants

The market for heavy fuel oil in the New York area was very firm last week with the coal shortage believed the main reason. Many large industrialists were converting their plants to the use of fuel oil in order to continue operations. Gasoline held well and lubricants continued strongly. Most markets were strong in other sections of the country and reports from Chicago indicated record-breaking gasoline consumption. Standard Oil Company of Ohio made price revisions.

Market Conditions

Gasoline.—The Standard Oil Company of Ohio advanced prices by ½c. per gallon in a majority or areas where quotations had been depressed. At the same time the company reduced prices by ½c. per gallon where the state-wide structure had been in effect. Including tax, tankwagon price to consumers under new state-wide structure is 17½c. per gallon for the ethyl grade and 15½c. per gallon for the regular. Along the Eastern seaboard consumption was increasing and prices were firmly maintained.

Kerosene.—The market remained in a somewhat sluggish condition and price continued without revision.

Fuel and Gas Oils.—Heavy fuel oils were in a strong market position last week. Although they had not as yet done so, most suppliers of the Grade C bunker fuel oil were expected to advance their price in line with the increase made two weeks ago by one company. The light fuel oils were moving into consumption at a fair rate and the demand

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A few drops of NEUTROLEUM will neutralize instantly the most offensive odors. Originally introduced for use in fly sprays and petroleum-base preparations, it is now proving its effectiveness in hundreds of totally different technical products. Its cost is negligible; its value immeasurable. If your product has a sales-retarding scent you can free it of this handicap. Investigate NEUTROLEUM.
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FACTORIES AT CLIFTON, N. J. AND GRASSE, FRANCE

The State of the Petroleum Market

The Louisiana crude reduction did not effect the figures in this box. Gasoline prices were unchanged.

	May 6	April 29	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.147	$1.147	$1.305
Gasoline prices at refineries (at four refining centers) per gallon	.0484375	.0484375	.048125

from retailers was considerably better than expected. Prices continued firm.

Lubricating Oils.—Pennsylvania lubricants continued to be very strong during the period under review. All prices continued firmly at the quoted levels.

Crude Oil Price Changes

The Caddo Crude Oil Purchasing Company reduced the price of crude in the Lisbon field of Louisiana to 77c. per barrel from 87c. The field produces about 4,000 barrels of crude daily.

Markets at Other Centers

Chicago, May 4.—Gasoline consumption records for the Spring season continue to be broken, according to information from the general mid-western consuming area. A vast amount of motor fuel of all grades is moving out from sources of supply through trade channels. Reports conflict as to the current status of the tank wagon market, but it is clear that the tankcar market situation is a strong one, and still strengthening. There are buyers in the market for large quantities of all kinds of gasoline, and offerings seem to be smaller than in a long time. Natural gasoline is the only easy motor fuel. Kerosene and tractor fuels have been ordered rather well. Heating oil business is easing off in seasonal fashion. Heavy fuel oils are reported firm to strong, with demand good. Lubricating oil market conditions are firm.

GASOLINE.—Low octane motor, 4c. to 4¼c. per gallon; 63-66 octane motor, 4¼c. to 4½c.; 67-69 octane motor, 4½c. to 4¾c.; 70-72 octane motor, 4¾c. to 5c.; 60-62, 400 endpoint, 4c. to 4¼c.; 64-66, 375, 4c. to 4¼c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅛c. to 4⅜c. per gallon; 41-43, water white, 3⅞c. to 4⅛c.

FURNACE OILS.—Range oil, 3¾c. to 3⅞c. per gallon; No. 1 prime white, 3½c. to 3¾c.; No. 1 straw, 3⅜c. to 3⅝c.; No. 2 straw, 3¼c. to 3½c.; No. 2 dark, 3⅛c. to 3⅜c.; No. 3, 3⅛c. to 3¼c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, May 3.—The domestic market remained unchanged during the past week. Foreign inquiries and exports were the best in several weeks. U. S. motor gasoline was quoted at 5⅜c.; U. S. motor below 62 octane at 5⅜c.; 63-67 octane at 5⅝c. and 68-70 octane at 6¼c.—all prices being based on a per gallon rate at refinery.

The price of kerosene remained unchanged at 7⅜c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants in this vicinity were quoted at $1.36 per barrel delivered.

Tulsa, May 5.—Despite a huge volume of orders and rapid shipments in the gasoline market, there is some uncertainty in the tone as a result of increased production of crude oil, and an increase in the volume of underpriced oil reaching the trade. Some easing in the crude price is noticeable this week. In the heavier consuming districts of the middlewest, a large amount of underpriced material continues to unsettle the retail markets.

There is more demand this week for kerosene and tractor fuels as a result of the arrival of Spring which was somewhat retarded in the central western states because of late rains. The demand, however, has not contributed to an advancing market although it has created a better tone to the market.

Despite a slightly lower rate of industrial operations, a good demand for the heavy fuels persist while the lighter grades used for domestic heating are receding a bit more. The demand has declined materially this week.

Following are the approximate prices for the various products traded in the mid-Continent field on the basis of group three quotations:—

GASOLINE.—The U. S. motor third grade is 4c. to 4⅜c. per gallon and the 67-69 octane grade is 4½c. to 4⅞c. per gallon while the 63-66 octane is 4¼c. to 4⅝c. per gallon. The 70-72 is 4¾c. to 5c. per gallon. Other grades are unchanged.

KEROSENE.—The 41-43 grade is unchanged at 3⅞c. to 4¼c. per gallon and the 42-44 grade is 4⅛c. to 4⅜c. per gallon.

NATURAL GASOLINE.—The tone is easier and the price for the 26-70 grade was off ⅛c. per gallon to 2½c. in Texas and Oklahoma. Other grades were likewise off ⅛c. per gallon.

FUEL OIL.—Prices are unchanged with the lower gravities in fair demand with quotations unchanged. The grades below 10 degrees are 50c. to 65c. per barrel with lower quotations for the central western refinery district. The 24-28 is 85c. to 90c. per barrel, while the zero grade remains at $1 to $1.05 per barrel.

LUBRICANTS.—A better movement of all grades is noticeable but no change in prices has occurred despite a stronger tone.

Shell Group Upheld In Mexican Oil Sales Case

The Eastern States Petroleum Corporation, this city, has been denied a rehearing of a decision by the Federal Circuit Court of Appeals, this city, dissolving a temporary injunction against Asiatic Petroleum Corporation and other companies in the Royal Dutch Shell group, restraining them from allegedly interfering with the sale of products abroad by the Eastern States organization.

N.J. Standard Oil Appoints Hand Marine Dept. Head

Robert F. Hand, assistant general manager of the marine department of the Standard Oil Company of New Jersey, has been appointed a vice-president of the company and head of the marine department. He succeeds Robert L. Hague, who died several weeks ago. Mr. Hand, who is fifty-years of age, joined the company as an office boy and rose through various departments to the marine field.

Ethyl Gas Extends Research

The Ethyl Gasoline Corporation has completed an engineering laboratory at San Bernardino, California, in order to extend its facilities for cooperative research with oil and automotive companies. From this new center the corporation's engineers will carry out a unique program of research on engines and fuels.

Olie Raffinadery 'Witol' Producing Mineral Oil

A plant has been built in which the most modern equipment has been installed for the Olie Raffinadery 'Witol' N.V., Maassluis, Holland, just outside of Rotterdam. Their New York office, which will negotiate all transactions in the United States and Canada, is located at 90 West street, this city, under the direction of Adrian Vuyk, president of the Half Moon Manufacturing & Trading Company, who have for many years distributed in the United States the products of vegetable oil refineries in Holland.

The samples received at New York by the Half Moon organization indicate that the oils produced by the Olie Raffinadery 'Witol' N.V. are of a high quality, exceeding all U.S.P. tests. It is the intention of 'Witol' N.V. to arrange for contracts with the buyers in the U.S.A. in shipments of not less than 100 drums, beginning the early part of June, 1939.

Obituaries

Amos L. Beaty

—*Continued from page* 35

become associate general attorney for the same company, and in 1913 moved to the Texas Company's New York headquarters, where he served as general counsel, director and a member of the executive committee. In 1920 he was elected president of the Company, and in 1926 became chairman of the board. He resigned from the Texas Company in 1927.

In 1929 Mr. Beaty re-entered the industry as chairman of the board of Trans-continental Oil Company. That company later was acquired by The Ohio Oil Company, of Findlay, Ohio. In 1931 he became a director and member of the executive committee of Phillips Petroleum Company of Bartlesville, Okla., from which he resigned to accept the chairmanship of the planning and co-ordination committee for the petroleum industry under National Recovery Administration. Surviving are his second wife, two sisters and one brother. His first wife died in 1930.

Dr. Frederick W. Frerichs

Dr. Frederick W. Frerichs, prominently identified with the chemical industry in this country and abroad until his retirement in 1920, died in his home in St. Louis April 30. He was ninety years of age.

Born in Etzel, Germany, Dr. Frerichs was graduated from the gymnasium in Oldenburg, 1870, studied at the University of Goettingen mathematics and physics to 1872, then chemistry to 1874, when he obtained the degree of Ph.D. in chemistry and physics with highest honors. From 1874-1879 he held the position of an instructor of chemistry at Professor Woehler's Chemical Laboratory in Goettingen. During this time he designed a number of laboratory apparatus, one of which was the well-known Sartorius Analyltical Balance, for which he received the gold medal at the Louisiana Purchase Exhibition, 1904.

Dr. Frerichs was credited with the developing of a process for producing high purity anhydrous ammonia from ammonia sulphate and his process was extensively used for many years in industry. In the early 1920's he retired from active business.

Dr. Frerichs, a charter member of the American Institute of Chemical Engineers, was its third president in the year 1911 and treasurer from 1912-1925. He was a member of the leading chemical societies of the United States and Europe and was president of the St. Louis Chemical Society from 1903-1906.

Surviving are his wife, one son and one daughter.

W. L. Blocks, of the Gulf Fertilizer Company, Tampa, Fla., died unexpectedly April 29. Besides being a director of the Gulf company Mr. Blocks was an executive of the Lyons Fertilizer Company in the same city. Mr. Blocks was a native of Chicago, but went to Tampa in 1902 and in a few years became one of the city's business and civic leaders. He was fifty-nine years of age.

Kay W. Iversen, head of Ruse Laboratories, manufacturer of medical supplies, Monrovia, Calif., died unexpectedly April 24. He was forty-three years of age. Surviving are his wife and two daughters.

Rhoda E. Kirkland, wife of one of the founders of Irwin, Kirkland & Co. pharmaceutical manufacturer, which is now known as Irwin, Neisler & Co., Decatur, Ill., died May 1.

Edwin W. Orvis, of Orvis Brothers & Co., broker in cottonseed oil and other commodities and securities, this city, died April 29. He was eighty-six years of age.

Mrs. Jason L. Russell, wife of Jason L. Russell of C. E. Jamieson & Co., pharmaceutical manufacturer, Detroit, Mich., died May 2.

A. Roy Tillinghast, a widely known chemist, died recently in Danielson, Conn. He was fifty-six years of age. He was credited with perfecting certain processes employed by the United States in making high explosives during the World War. He was for a time affiliated with the Semet-Solvay Company, Syracuse, N. Y.

McK.&R. to Move Accounting Dept. to N.Y.

McKesson & Robbins, Inc., wholesale druggist, this city, will transfer its general accounting, tax and insurance departments, now located in the Bridgeport, Conn., plant, to the executive offices of the company in New York, on or about June 15, according to William J. Wardall, trustee. To provide office room for the transferred departments, an additional floor has been engaged at the company's present location in the Commerce building. The consolidation of these departments in New York, Mr. Wardsall, said, in no way affects the manufacturing operations at Bridgeport, the factory accounting department and other divisions connected with operations there remaining undisturbed.

Coca-Cola Co. Elects R.W. Woodruff Chairman

Robert W. Woodruff, president of the Coca-Cola Company since 1923, has been elected chairman of the board and chairman of the executive committee. A. A. Acklin, formerly vice president and assistant to the president, has been made president. W. C. Bradley has been elected chairman of the advisory committee.

Barytes production in Italy in 1938 amounted to 50,000 metric tons.

P.C.A.
RED MURIATE
Another step in mining P.C.A. potash near Carlsbad: At the shaft bottom, a rotary car dump empties chunks of the natural salts into a preliminary crusher underground.
POTASH COMPANY of America
GENERAL SALES OFFICE: MERCANTILE TRUST BUILDING, BALTIMORE, MD.
SOUTHERN SALES OFFICE: MORTGAGE GUARANTEE BUILDING, ATLANTA, GA.

Fertilizer Materials

Mixed Products in Good Demand—Raw Material Markets Quiet —Dried Blood and Tankage Reduced in New York Area

Finished fertilizers were in good demand last week because of favorable weather conditions in most sections of the country. Raw materials were moving into consumption at slackened pace although bone remained in strong demand. A scarcity of raw bone was reported in New York. Blood continued the weak spot of the market and tankage, heretofore active, was in small demand. Local prices for both materials were reduced.

Fairly stable conditions were reported in most areas with transactions apparently reaching their best levels on the Pacific Coast. Reports from San Francisco indicated a firm market for most materials and a strong one for fish scrap. The Midwest and the lower South were uneventful, all products continuing in routine fashion.

Exports of fertilizers and fertilizer materials in March totaled 123,687 long tons compared with 172,296 long tons in March, 1938, a decline of 28 percent, according to the National Fertilizer Association. Potash exports were sharply higher than last year and ammonia sulphate shipments were somewhat larger. These increases were more than offset by declines in other nitrogenous chemicals, phosphate rock and superphosphate. Imports of fertilizers and fertilizer materials last March totaled 142,430 long tons compared with 189,265 tons the previous March, a decline of 25 percent. Increases in some of the less important nitrogenous materials failed to offset the decline of more than half in sodium nitrate imports.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Blood, dried, dom., 5c. per unit-ton, f.o.b. N. Y.
Tankage, dom., ground, N.Y., 5c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Finished fertilizer products were being shipped in good volume last week, although call for raw materials fell off to quite an extent. A pick-up in the sales of ammoniates will be seen toward the end of this month. Blood, and ground animal tankage were reduced.

Sulphate of Ammonia.—A routine market continued last week with only a fair amount of supplies being shipped. The price was firm. A total of 1,199 long tons of material was exported from the United States during March, compared with 686 tons in March, 1938. Imports in March totaled 14,179 long tons against 10,204 tons the corresponding period in 1938.

Nitrate of Soda.—The market slackened a bit, although prices continued at the previous quoted level.

Dried Blood.—Inventories were high in the New York market and there was little call for material. The price of the domestic material was reduced 5c. to a level of $2.70 per unit-ton, f.o.b., New York.

Tankage. — The market weakened somewhat and the price of ground domestic tankage was reduced 5c. in New York to $3.20 and 10c. per unit-ton. There was only a light call for stocks.

Phosphates

Bone materials continued very strong in the New York market and a scarcity of 3 and 50 material was evident. Phosphate Rock and Superphosphate continued in fair demand.

Bone Materials.—All prices for raw bone were very strong last week, although no changes were made. Sellers were encountering difficulty in filling orders for 3 and 50 material due to the scarcity of it.

Phosphate Rock.—Quiet prevailed in the market and volume of sales was light. Exports of this material from the United States during last March totaled 90,738 long tons against 131,830 tons the previous March.

Superphosphate. — The market continued slack with the price at the quoted level. Production during March totaled 255,000 tons compared with 268,000 tons in March, 1938. Exports in March totaled 3,462 long tons against 8,343 tons the preceding March, while imports totaled 3,193 tons compared with 2,603 tons.

Sulphur and Pyrites

The interest in offerings held up last week and shipments to consumers continued good for sulphur. The quoted price continued firm. Total sulphur production in Louisiana for the first quarter of 1939 amounted to 83,260 long tons.

Potashes

Agricultural potash salts continued in a fair position last week, but business was no better than was expected at this time of year. All prices continued firm. A total of 17,102 long tons of potash fertilizer materials were exported from the United States during March 1939, compared with 7,031 tons the previous March. Imports in March amounted to 17,235 long tons against 22,322 tons the corresponding period last year.

Markets at Other Centers

Atlanta, May 3.—Fertilizer manufacturers are in the midst of shipments on rush orders from dealers. Some fill in orders for materials are reported, but the material market is considered over for the season. Manufacturers consider that shipments may continue a few days longer in line with the lateness of the planting season. Persistent cool weather is causing the farmers to be in no hurry to plant. Manufacturers of mixed fertilizers are not yet ready to predict consumption of fertilizers this year as compared to last feeling uncertain as to what demand the late season may yet develop.

Quotations of leading fertilizer materials in this market are as follows:—

SUPERPHOSPHATE.—$8.40 per ton, interior producing points.

NITRATE OF SODA.—Bulk, car lots, port basis, $27 per ton.

SULPHATE OF AMMONIA.—Bulk, port basis, $28 per ton.

COTTONSEED MEAL.—8 percent grade, $25 to $25.50 southeastern mills.

NITROGENOUS.—1.90 per unit, midwestern producing points.

BLOOD.—$3 per unit, Chicago.

TANKAGE.—$3.25 and 10c. per unit, port basis.

Baltimore, May 3.—The demand for crude fertilizer materials is still affected by the handicaps that have had to be taken into account in the shipment of mixtures. Calls for mixtures have not been what was hoped for, and the interest of the makers of mixtures in crudes has been diminished accordingly.

TANKAGE.—The market is stated to be quiet but firm, with last sales of unground feeding grades at $3.50 and 10c. f.o.b. shipping point, and with unground fertilizer grades at $3.25 and 10c. per unit-ton.

DRIED BLOOD.—Spot domestic material is held at $2.75 f.o.b. shipping point, with the South American ammoniate at $2.65 to $2.70 per unit-ton, c.i.f. at Eastern ports.

SUPERPHOSPHATE.—There is nothing like real activity as to this item, what with the attention of makers of mixtures concentrated upon the distribution of their output, and with the uneventfulness so far showing indications that the season is reaching the end. The producers continued to quote $7.50 per ton for run of pile and $8 per ton for 16 percent milled and screened supplies.

GARBAGE TANKAGE.—With trading coming into the market only at rather wide intervals, there is little to guide the potential buyer, who acts according to his individual needs. The nominal figure of $8 per ton at shipping points is still named, which would be equal to about $11.50 or $12 per ton basis Baltimore.

NITROGENOUS MATERIAL.—The lack of anything like snap in the trade is to be noted in this division as well as in others, though with something like steadiness attained at the present time, and with the quotations around $2.10 to $2.20 per unit.

BONE.—There seems to be an upward trend in this ammoniate, which is not being offered in a manner to suggest large supplies and with the figures named quite steady at $22 per ton for 1 and 60 bone flour, $24 per ton for 3 and 50 ground steamed and $28 per ton for 4½ and 50 ground raw stocks.

Chicago, May 3.—Volume of business being done in most grades of fertilizer materials is reaching totals which appear fairly comparable with what has existed earlier in the year. Buying is routine in most lines. Blood business remains mostly expressed in rather restricted volume as to individual orders. Prices are fluctuating slightly. Tankage is quiet and about unchanged in most respects, but the tone is firm. Bone materials are ruling steady to a shade higher in a few cases, with volume sufficient to maintain some stability.

BLOOD.—Principal grade, $3 to $3.05 per unit of ammonia.

TANKAGE.—High grade, feeding, $2.80 to $2.90 and 10c.; hoof meal, $2.65; liquid stick, $2.50 to $2.60.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $25 to $26; 3 and 50 percent, $26 to $27; 4½ and 50 percent, $28 to $29; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $24 to $26; beef cracklings, soft pressed, $42.50 to $45; pork cracklings, soft pressed, $52.50 to $55; hard pressed cracklings, per unit of protein, 87½c. to 90c.

San Francisco, May 2.—The deliveries of chemical products continued last week as contracts for the present season were either being completed or nearing completion. There was still a marked absence of anything like new trading in the general market. Liquid ammonia, still somewhat of a specialty item, was making good progress on truck and beet crops in the central valley sections, with some notice being paid it by orchardists. Fish meal was more active, business which continued to come in forcing the market up to $42 per ton, San Francisco/Monterey basis. Tankage was in moderate demand, with the market firm.

Ruling prices were:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles Harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton, ex vessel or warehouse; 200-pound bags, $28.30 per ton ex vessel or warehouse.

SUPERPHOSPHATE.—Domestic superphosphate, 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags, quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra. Eleven percent N. and 48 percent P.A. material quoted at $53 per ton, cars, port basis and $1 per ton extra for delivery inland.

FISH MEAL.—Spot California sardine meal was stronger, with the market active. Quoted on the basis of $42 per ton, f.o.b. cars, San Francisco and/or Monterey.

TANKAGE.—Unground, fertilizer grade tankage, wet rendered, from domestic packing houses, quoted at $2.85 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted at $40 per ton, f.o.b. cars; unground, quoted at 65c. to 67½c. per unit of protein, f.o.b. cars, San Francisco.

BLOOD MEAL.—Domestic blood meal, $2.75 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic steamed bone meal, depending upon quality and seller, quoted at from $25 to $29 per ton, delivered, Pacific Coast ports.

Manganese Sulphate Use In Fertilizers Discussed

Manganese sulphate has been shown to be an indispensable, vital element in plant life, and a factor in animal nutrition and disease control, according to an interesting booklet on this compound recently prepared by the Tennessee Corporation. Manganese sulphate, the work points out, supplies the element which produces chlorophyll in plants, thus promoting the growth of rich, green leaves and stems and increasing the size and improving the flavor and keeping qualities of fruits and vegetables. A copy of the folder may be obtained by any persons interested in the subject by communicating with the Tennessee Corporation, Atlanta, Georgia, and mentioning the name of OIL, PAINT & DRUG REPORTER.

Carbide and Cyanamide Output To Be Launched in North China

Carbide and calcium cyanamide production will be launched in Shantung province, China, shortly by the Electro-Chemical Industry Company in cooperation with the Mitsui Bussan Kaisha, according to the Japanese press. Permission for the enterprise has been granted by the Japanese military authorities in North China. Scheduled output in the first period of production is to be fixed at 10,000 tons of carbide a year and 20,000 tons of cyanamide, according to the American Commercial attache in Tokyo.

Fertilizer Conference to Be Held At Cornell University May 23

Ithaca, N. Y., Apr. 26, 1939

A conference of all fertilizer producers and salesmen in New York State will be held at Cornell University, here, May 23 and 24. The program is being developed in co-operation with Dr. Richard Bradfield, E. L. Worthen and other members of the agricultural faculty.

American Cyanamid Reports Earnings Gain for First Quarter

The American Cyanamid Company and subsidiaries reported for the quarter ended March 31, 1939, subject to audit and year-end adjustments, shows net profit of $1,040,478 after depreciation, depletion, research and process development expenses, interest, amortization, federal income taxes, minority interest, etc., equivalent after preferred dividend requirements to 39 cents a share on 2,618,369 shares of combined class A and class B common stocks outstanding at close of period, excluding shares held by subsidiaries. This compares with $94,077 or three cents a share on combined 2,520,368 shares of A and B common stocks in March quarter of previous year.

Potash Syndicate of Germany has called for payment July 1 at 102½ and interest £47,760 of its 6½ percent sterling bonds, series C, due June 1, 1953.

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, STEARIC—67 bgs, Orbis Product Corp, Britannic, Liverpool
TARTARIC—60 cks, Leghorn Trading Co, Conte Di Savoia, Genoa
AGAR AGAR—5 bls, Peek & Velsor, Asakasan, Kobe
10 bls, Consumers Import Co, Asakasan, Kobe
10 bls, Kachurin Drug Co, Asakasan, Kobe
15 bls, Mitsui & Co, Asakasan, Kobe
ALBUMEN, BLOOD—4 cks, Schenker & Co, Hamburg, Hamburg
ALOE—100 cs, Selma Mercantile Corp, Flora, Curacao
AMMONIA, CARBONATE—25 cs, American British Chem Supplies, California, Glasgow
2 cs, Schieffelin & Co, California, Glasgow
PERSULPHATE—10 dms, Manahan Chem Co, Nieuw Amsterdam, Rotterdam
ANISE—47 bgs, Siboney, Vera Cruz
ANNATTO SEEDS—40 bgs, D Steengrafe, Jamaica, Kingston
ARROWROOT—200 bbls, 400 bgs, Morningstar Nicol, Nerissa, St Vincent
ARSENIC—328 bbls, American Smelting & Refg Co, Agwistar, Tampico
ARTISTS MATERIAL—7 cs, M Grumbacher, Kiyokawa, Yokohama
2 cs, Gallagher & Ascher, Nieuw Amsterdam, Rotterdam
3 cs, Winsor & Newton, American Merchant, London
ASPHALT—4,312 bbls, 1,941 dms, Nerissa, Trinidad
680 bgs, A V Berner & Co, Seatrain, New York, Havana
BABASSU KERNELS—1,666 bgs, General Food Corp, Balzac, Parnahyba
BARYTES—1 car, United Color & Pigment Co, Seatrain, New York, Havana
BELLADONNA LEAVES—13 bls, Peek & Velsor, Vulcania, Trieste
BISMUTH, REFD—150 bxs, Cerro de Pasco Copper Corp, Santa Inez, Callao
BITUMEN SULPHONATUM—2 cks, Mallinckrodt Chem Works, Champlain, Havre
BLOOD, DRIED—500 bgs, Swift & Co, East Indian, Buenos Aires
548 bgs, Wessel, Duval & Co, East Indian, Buenos Aires
BONE MEAL—1,100 bgs, Ida, Fiume
BRISTLES—3 cs, Atlantic Forwarding Co, Manhattan, Hamburg
18 cs, Chesnut, Cooper & Co, Manhattan, Southampton
4 cs, H Rosenhirsch Co, Tai Ping, Shanghai
5 cs, M Broverman & Son, Tai Ping, Shanghai
52 cs, Block Bros, Asakasan, Dairen
1 cs, H Rosenhirsch Co, Asakasan, Dairen
30 cs, F H Cone & Co, Asakasan, Dairen
29 cs, F H Cone & Co, Kivokawa, Kobe
8 cs, H Rosenhirsch Co, Kiyokawa, Kobe
7 cs, F H Cone & Co, Sanyo, Kobe
165 cs, National City Bank, Sanyo, Tientsin
55 cs, Royal Bank of Canada, Sanyo, Tientsin
3 cs, Goldman Sacks & Co, Sanyo, Tientsin
20 cs, J Henry Schroeder Banking Corp, Sanyo, Tientsin
20 cs, Philadelphia National Bank, Sanyo, Tientsin
37 cs, Bank of London-South America, Sanyo, Tientsin
14 cs, American Merchant, London
7 cs, Batory, Gdynia
25 cs, Corn Exchange Bank, Jeff Davis, Hongkong
BUCKTHORN ROOT—20 bls, National City Bank, Ilsenstein, Antwerp
CACTUS—10 bgs, Jamaica, Kingston
CALCIUM, METALLIC—Charles Hardy, Excalibur, Marseilles
CAMPHOR, REFD—150 cs, Mitsui & Co, Asakasan, Kobe
100 cs, Iwai & Co, Kiyokawa, Kobe
CANARY SEED—250 bgs, Balfour, Guthrie & Co, East Indian, Buenos Aires
CARAWAY SEED — 388 bgs, Wasgenwald, Hamburg
100 bgs, M Witsenburg, Nieuw Amsterdam, Rotterdam
700 bgs, Independence Corp, Scanyork, Gdynia
160 bgs, Catz American Co, Hamburg, Hamburg
88 bgs, Levy & Levis Co, Manhattan, Hamburg
206 bgs, Superintendence Co, Batory, Gdynia
300 bgs, Batory, Gdynia
90 bgs, J Loewith, Scanmail, Gdynia
CARDAMOM—10 hf chts, S B Penick & Co, Inverbank, Colombo
CASCARILLA BARK—4 bgs, W M Allison & Co, Munargo, Nassau
CASSIA—54 bls, Kota Inten, Padang
50 bls, G T German, Jeff Davis, Hongkong
100 bls, Knickerbocker Mills Co, Jeff Davis, Hongkong
140 bls, B Fischer & Co, Jeff Davis, Hongkong
250 bls, Van Loan & Co, Jeff Davis, Hongkong
300 bls, Van Norden & Archibald, Jeff Davis, Hongkong
500 bls, B H Old & Co, Jeff Davis, Hongkong
450 bls, A G Dunn, Jeff Davis, Hongkong
ROLLS—100 bls Van Norden & Archibald, Jeff Davis, Hongkong
25 bls, Wood & Selick, Jeff Davis, Hongkong
50 bls, A G Dunn, Jeff Davis, Hongkong
100 bls, B H Old & Co, Jeff Davis, Hongkong
VERA—167 bls, Catz American Co, Kota Inten, Padang
CASTOR BEANS—1,700 bgs, Blue Point Oil Corp, Balzac, Bahia
8,500 bgs, Balzac, Pernambuco
17,500 bgs, Balzac, Fortaleza
6,632 bgs, Baker Castor Oil Co, Balzac, Ceara
7,833 bgs, Balzac, Ceara
CELERY SEED—155 bgs, Inverbank, Port Said
197 bgs, Silvaplana, Bombay
CHALK, COMMON—1,600 bgs, R L Watkins Co, American Merchant, London
PRECIPITATED—3,300 bgs, Colgate-Palmolive-Peet Co, Kyno, Hull
CHAMOMILE FLOWERS—60 cs, Vulcania, Trieste
CHAMOIS—4 cs, American Sponge & Chamois Co, Manhattan, Havre
CHEMICALS—107 cks, Advance Solvents & Chem Co, Oslofjord, Oslo
4 cs, International Maritime Forwarding Co, Aquitania, Southampton
305 dms, H H Rosenthal Co, Sanyo, Yokohama
CHEMICALS—20 dms, Richards Chem Works, Nieuw Amsterdam, Rotterdam
52 cks, General Aniline Works, Nieuw Amsterdam, Rotterdam
10 bbls, C Bruning Co, Nieuw Amsterdam, Rotterdam
2 cks, Ciba Co, Nieuw Amsterdam, Rotterdam
2 dms, Sandoz Chem Works, Nieuw Amsterdam, Rotterdam
100 bgs, Hummel Chem Co, Scanyork, Gdynia
250 bgs, Philip Bauer & Co, Scanyork, Gdynia
70 bbls, National Carloading Corp, Scanyork, Gdynia
254 bgs, Advance Solvents & Chem Co, Hamburg, Hamburg
400 bgs, Innis, Speiden & Co, Hamburg, Hamburg
5 cs, Hamburg, Hamburg
1 bg, 1 cs, Schoffeld-Donald Co, California, Glasgow
11 cs, 7 dms, Yardley & Co, American Merchant, London
5 cs, Ciba Co, Normandie, Havre
80 bgs, Cincinnati Chem Works, Normandie, Havre
13 cs, Sandoz Chem Works, Normandie, Havre
12 cks, Morris Export Co, Normandie, Havre
2 cs, Gane & Ingram, Normandie, Havre
5 cs, Merck & Co, Normandie, Havre
5 cks, Black Gull, Rotterdam
40 bbls, Hummel Chem Co, Scanmail, Gdynia
1 bbl, F Behrend, Scanmail, Copenhagen
CHINA CLAY—25 cks, E Fougera & Co, American Merchant, London
CINCHONA PRODUCTS—11 cs, R W Greeff & Co, Nieuw Amsterdam, Rotterdam
CINCHONINE SULPHATE—5 cs, New York Quinine & Chem Works, Nieuw Amsterdam, Rotterdam
CINNAMON CHIPS—10 bls, Inverbank, Colombo
CLIFFSTONES—310 tons, Taintor Trading Co, Kyno, Hull
CLOVES—77 bgs, Kota Inten, Saparoea
58 bgs, Catz American Co, Kota Inten, Amboina
42 bgs, Kota Inten, Amboina
49 bgs, Royal Bank of Canada, Kota Inten, Amboina
47 bgs, Catz American Co, Kota Inten, Padang
COALTAR INTERMEDIATES—11 cks, General Aniline Works, Nieuw Amsterdam, Rotterdam
8 cs, General Dyestuff Corp, Hamburg, Hamburg
8 dms, 9 pkgs, 1 crby, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
COBALT METAL—60 kgs, 30 cs, Central Trading Corp, Scanmail, Wiborg
COCOA BEANS—28 bgs, Daggett Chocolate Co, Emilia, Ponce
40 bgs, Struller & Wood, Flora, Curacao
15 bgs, Flora, Curacao
1,000 bgs, Flora, Puerto Cabello
252 bgs, Transmarine Merc Corp, Santa Rosa, Cape Haitien
1,000 bgs, Afram Trading Corp, Hamburg, Hamburg
1,151 bgs, Curacao Trading Co, Coamo, Trujillo
800 bgs, W R Grace & Co, Santa Inez, Guayaquil
150 bgs, Wessel, Duval & Co, Guayaquil, Cristobal
100 bgs, Guayaquil, Cristobal
400 bgs, Daarnhouwer & Co, Cottica, La Guaira
575 bgs, Curacao Trading Co, Cottica, La Guaira
800 bgs, Cottica, La Guaira
20 bgs, Mecke & Co, Cottica, Maracaibo
2,000 bgs, Guaranty Trust Co, Balzac, Bahia
1,000 bgs, Wessel, Kulenkampf & Co, Balzac, Bahia
COCONUTS—156 bgs, H Schnell, Emilia, Ponce
1,294 bgs, General Food Corp, Emilia, Ponce
423 bgs, Emilia, Ponce
400 bgs, Standard Fruit & Steamship Co, Atlantida, La Ceiba
300 hlf bgs, Universal Import & Export Co, Coamo, San Juan
93 bgs, Simons French Co, Coamo, San Juan
10 bgs, Caribbean Trading Co, Coamo, San Juan
500 bgs, I L Toledano Corp, Guayaquil, Cristobal
806 bgs, General Food Corp, Jamaica, Kingston
300 bgs, J A Manton, Jamaica, Kingston
COCONUT, DESIC—1,289 cs, Philippine Desic Coconut Corp, Tai Ping, Zamboanga
2,115 cs, Durkee Famous Food, Tai Ping, Manila
345 cs, Wood & Selick, Tai Ping, Manila
400 cs, Wilbur Ellis Co, Tai Ping, Davao
448 cs, Balfour, Guthrie & Co, Tai Ping, Manila
218 cs, General Food Corp, Tai Ping, Manila
20 cs, Wood & Selick, Tai Ping, Manila
1,250 cs, Dodwell & Co, Tai Ping, Manila
1,995 pkgs, General Food Corp, Jeff Davis, Manila
COD OIL, STEARIN—125 bbls, Hamburg, Hamburg
COLORS—10 cks, Kentler Bros, Ilsenstein, Antwerp
CERAMIC—2 cs, B F Drakenfeld & Co, Britannic, Liverpool
COALTAR—4 cks, General Dyestuff Corp, Black Gull, Rotterdam
DRY—20 cks, Stanley Doggett, Excalibur, Genoa
2 cs, Gallagher & Ascher, Nieuw Amsterdam, Rotterdam
EARTH—19 bbls, Penson & Co, Nieuw Amsterdam, Rotterdam
PIGMENT—1 jug, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
POTTERS—1 bx, J Carney & Co, Britannic, Liverpool
COPAIBA BALSAM—20 cs, Wessel, Duval & Co, Guayaquil, Cristobal
CORIANDER SEED—100 bgs, Armour & Co, Exchester, Casablanca
100 bgs, A G Dunn, Exchester, Casablanca
300 bgs, Van Norden & Archibald, Exchester, Casablanca
CORK, WASTE—5,480 bls, Exchester, Djidjelli
WOOD—215 bls, Armstrong Cork Co, Exchester, Djidjelli
49 bls, H Suhl, Exchester, Djidjelli
CRESOL—5 dms, Monsanto Chem Co, Britannic, Liverpool
CUBEBS—3 bgs, Silvercedar, Singapore
CUMIN SEED—99 bgs, Chase Natl Bank, Batory, Gdynia
CUTTLEFISH BONES—718 cs, Excalibur, Marseilles
100 cs, Vulcania, Trieste
DERRIS—2 cs, Kota Inten, Batavia
POWD—23 dms, Sherwin Williams Co, Kota Inten, Batavia
DOGWOOD BARK—49 bls, J L Hopkins & Co, Quirigua, Jamaica
DRUGS—10 cs, Scanyork, Gydnia
12 bls, Pennland, Antwerp
DYES, ALIZARIN—10 cans, General Dyestuff Corp, Hamburg, Hamburg
25 cks, 4 dms, 15 jugs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
ANILIN—28 cks, Fulton Dye & Import Co, Manhattan, Havre
4 cks, Fulton Dye & Import Co, Champlain, Havre
39 dms, Ciba Co, Nieuw Amsterdam, Rotterdam
61 dms, 1 cs, Sandoz Chem Works, Nieuw Amsterdam, Rotterdam
2 cks, General Dyestuff Corp, Hamburg, Hamburg
15 cans, 2 cs, Ciba Co, Normandie, Havre
22 dms, Sandoz Chem Works, Normandie, Havre
52 dms, 1 dm, Geigy Co, Normandie, Havre
24 kegs, 1 cs, Carbic Color & Chem Co, Normandie, Havre
1 dm, Ciba Co, American Shipper, Manchester
184 cks, 2 dms, 2 cs, 10 jugs, General Dyestuff Corp, Nieuw Amsterdam, Rotterdam
ERGOT — 8 cs, Peek & Velsor, Scanyork, Gdynia
FENNEL SEED—34 bgs, Silvaplana, Bombay
FENUGREEK SEED—120 bgs, W M Allison & Co, Exchester, Casablanca
FERROMANGANESE—125 cks, C Hardy, Manhattan, Havre
152,400 kilos, Vigilant, Gdynia
FILTER PAPER—21 cs, H Reeve Angel & Co, American Merchant, London
FISH MEAL—504 bgs, East Indian, Buenos Aires
SOUNDS—52 bls, T Henjes, Santa Rosa, Curacao
FLAXSEED — 1,585 bgs, 3,487 bu, Brazil, Buenos Aires
968,959 kilos, 38,756 bu, Brazil, Buenos Aires
600 bgs, 1,320 bu, East Indian, Buenos Aires
508,000 kilos, 20,320 bu, East Indian, Buenos Aires
FLEASEED—35 bgs, Excalibur, Marseilles
93 bgs, Silvaplana, Bombay
FLINT, CRUSHED—320 bgs, D C Andrews & Co, American Merchant, London
PEBBLES—30 bgs, J W Higman Co, Batory, Copenhagen
FULLER'S EARTH—100 bgs, L A Salomon & Bros, American Merchant, London
200 bgs, C B Chrystal & Co, American Merchant, London
GAMBIER — 260 cs, American Dyewood Co, Glaucus, Belawan Deli
350 bgs, Glaucus, Singapore
GELATIN—80 cs, Normandie, Havre
SHEET—25 cs, Pennland, Antwerp
60 bls, International Selling Corp, Pennland, Antwerp
GINGER ROOT—3 bgs, Josephine Ramirez, Coamo, San Juan
6 bgs, Caribbean Trading Co, Coamo, San Juan
9 bgs, Sion Solomon, Coamo, San Juan
10 bgs, Sion Solomon, Seatrain New York, Havana
240 bgs, Glaucus, Alleppey
124 bgs, Barclay Bank, Jamaica, Kingston
226 bgs, Canada Dry Ginger Ale Co, Jamaica, Kingston
50 bgs, Bank of Nova Scotia, Jamaica, Kingston
GLUE—200 bgs, Ida, Trieste
FISH LIQUID—25 cs, E T Sullebarger Co, American Shipper, Glasgow
MARINE—2 crts, L W Ferdinand & Co, American Merchant, London
POWDERED—50 bgs, 20 cks, Rex & Reynolds, Excalibur, Marseilles
68 bbls 1 cs, International Selling Corp, Ilsenstein, Antwerp
SHEET—72 bls, International Selling Corp, Ilsenstein, Antwerp
STONE—1 cs, Rex & Reynolds, Excalibur, Marseilles
VEGETABLE—1 cs, Keller-Dorian Paper Co, Aquitania, Southampton
GLYCERIN—1 car, Colgate-Palmolive Peet Co, Seatrain New York, Havana
4 cs, American Merchant, London
141 dms, East Indian, Buenos Aires
20 dms, Reichold Chem Co, East Indian, Buenos Aires
GRAPHITE—250 bgs, Inverbank, Colombo
GREASE, WOOL—30 dms, Britannic, Liverpool
80 dms, Hummel Chem Co, Britannic, Liverpool
45 bbls, H S Dorf & Co, American Shipper, Liverpool
30 bbls, 1 dm, American Shipper, Liverpool
GUM—9 cs, Florasynth Lab, Manhattan, Havre
ARABIC—200 bgs, T M Duche & Sons, Silvaplana, Port Sudan
150 bgs, American Cyanamid & Chem Co, Silvaplana, Port Sudan
300 bgs, Innis, Speiden & Co, Silvaplana, Port Sudan
75 bgs, S B Penick & Co, Silvaplana, Port Sudan
250 bgs, Thurston & Braidich, Silvapana, Port Sudan
150 bgs, Frank Vliet Co, Silvaplana, Port Sudan
CHICLE—36 bls, Mexican Exploitation Co, Agwistar, Progreso
COPAL—400 bgs, Ilsenstein, Antwerp
70 bgs, France, Campbell & Darling, Tai Ping, Manila
107 bgs, W H Scheel, Tai Ping, Manila
74 bgs, P M Waterman, Tai Ping, Macassar
188 bskts, New York Trust Co, Kota Inten, Macassar
105 bskts, Kota Inten, Macassar
289 bskts, O G Innes Corp, Kota Inten, Macassar
60 bskts, Manufacturers Trust Co, Kota Inten, Macassar
128 bskts, 66 bgs, Chase National Bank, Kota Inten, Macassar
54 bskts, O G Innes Corp, Kota Inten, Amboina
70 bgs, G W S Patterson & Co, American Merchant, London
DAMMAR—1 cs, O G Innes Corp, Kota Inten, Padang
200 cs, Thurston & Braidich, Kota Inten, Batavia
210 bgs, Gillespie-Rogers-Pyatt Co, Silvercedar, Singapore
50 cs, W H Scheel, Silvercedar, Singapore
GUM, DAMMAR—140 bgs, O G Innes Corp, Silvercedar, Singapore
INSOLUBLE—150 bgs, Hamburg, Hamburg
KARAYA—200 bgs, Cummer Prod Co, Silvaplana, Bombay
134 bgs, Silvaplana, Bombay
LOCUST—40 bgs, T M Duche & Sons, Excalibur, Genoa
50 bgs, Innis, Speiden & Co, Excalibur, Genoa
80 bgs, T M Duche & Sons, Excalibur, Marseilles
30 bgs, Innis, Speiden & Co, Ida, Genoa
25 bgs, P A Dunkel & Co, Ida, Genoa
65 bgs, Ida, Genoa
MASTIC—10 cs, Ionian Bank, Excalibur, Piraeus
SANDARAC—16 bbls, Chase Natl Bank, Exchester, Casablanca
7 bbls, O G Innes Corp, Exchester, Casablanca
TRAGACANTH—1 bgs, Gripsholm, Gothenburg
118 bgs, E Meer & Co, Hamburg, Hamburg
16 bgs, A D Isbetcherian, Silvaplana, Bombay
121 bgs, E Meer & Co, Silvaplana, Bombay
15 bgs, 10 cs, S B Penick & Co, American Merchant, London
34 cs, American Merchant, London
GYPSUM—5,350 tons, U S Gypsum Co, Gypsum Empress, Windsor
150 bgs, C B Chrystal & Co, Kyno, Hull
600 bgs, Whittaker, Clark & Daniels, Britannic, Liverpool
400 bgs, Whittaker, Clark & Daniels, American Shipper, Manchester
HENNA LEAVES—60 bgs, Excalibur, Alexandria
HERBS, MEDICINAL—17 bls, Ilsenstein, Antwerp
34 bls, Allaire, Woodward & Co, Vulcania, Trieste
134 bls, S B Penick & Co, Vulcania, Trieste
42 bls, Peek & Velsor, Vulcania, Trieste
224 bls, Vulcania, Trieste
HERRING MEAL—1,999 bgs, Wilbur Ellis Co, Fort Amherst, St Johns
HOPS—40 bls, Scanyork, Gdynia
11 bls, Bode & Voigt, Batory, Gdynia
HOREHOUND LEAVES—38 bls, R J Prentiss & Co, Exchester, Casablanca
ILMENITE SAND—1,000 tons, Silvercedar, Colachel
1,000 tons, Silvercedar, Koilthottam
INFUSORIAL EARTH—750 bgs, Exchester, Oran
IRISH MOSS—10 bls, Peek & Velsor, Champlain, Havre
20 bls, S B Penick & Co, Champlain, Havre
15 bls, R J Prentiss & Co, Champlain, Havre
10 bgs, Normandie, Havre
IRON ORE—7,312 tons, L J Buck, Bellona, Narvik
224 bgs, 11 dms, Reichard Coulston, Britannic, Liverpool
539 bgs, 65 dms, Reichard Coulston, American Shipper, Liverpool
OXIDE—39 cks, C J Osborn & Co, Manhattan, Southampton
20 cks, J Lee Smith & Co, Kyno, Hull
3 cks, Stanley Doggett, Britannic, Liverpool
15 cks, Britannic, Liverpool
20 cks, J A McNulty, American Shipper, Manchester
185 cks, American Shipper, Liverpool
SAND—200 bgs, J Weiss Co, Kyno, Hull
ISINGLASS—11 cs, C H Reisig, American Merchant, London
5 cs, American Merchant, London
JABORANDI LEAVES—72 bgs, Balzac, Parnahyba
KETTLE DROSS—80 bgs, Cerro de Pasco Copper Corp, Santa Inez, Callao
LAVENDER FLOWERS—10 bgs, Yardley & Co, American Merchant, London
LEAVES, MEDICINAL—35 bls, Excalibur, Marseilles
35 bls, S B Penick & Co, Excalibur, Marseilles
LIME JUICE—100 cs, R F Downing & Co, American Merchant, London
LYCOPODIUM—5 cs, McKesson & Robbins, Gripsholm, Gothenburg
MACE—10 cs, Royal Bank of Canada, Nerissa, Grenada
36 cs, Kota Inten, Macassar
30 cs, Royal Bank of Canada, Kota Inten, Amboina
MAGNESIA, CALC—10 cs, Schofield-Donald Co, American Shipper, Liverpool
CARBONATE—75 cs, 75 cks, Schofield-Donald Co, American Shipper, Liverpool
PEROXIDE — 5 dms, American Merchant, London
MANGANESE CHLORIDE—20 cks, American Cyanamid & Chem Co, California, Glasgow
MANGROVE BARK, EXTRACT—100 bgs, International Product Corp, Kyno, Hull
MANNA—20 cs, Public National Bank, Ida, Palermo
MATCHES, SAFETY—204 cntrs, Guaranty Trust Co, Manhattan, Hamburg
300 tins, Penniand, Antwerp
MATE—20 crts, J Victori & Co, Brazil, Buenos Aires
MAVI BARK—3 bgs, Sion Solomon, Coamo, San Juan
MEDICINAL PREPS—11 cs, Italian Drug Import Co, Conte di Savoia, Genoa
12 cs, Burroughs, Wellcome & Co, American Merchant, London
4 cs, Anglo French Drug Co, Normandie, Havre
1 cs, E Fougera & Co, Normandie, Havre
17 cs, Ratin Lab, Scanmail, Copenhagen
MENTHOL—23 cs, Theo Seltzer, Manhattan, Havre
50 cs, Theo Seltzer, Normandie, Havre
MICA—3 cs, Eugene Munsell & Co, Inverbank, Calcutta
48 cs, Inverbank, Calcutta
4 cs, American Mica Works, American Merchant, London
52 cs, F D Pitts Co, Brazil, Buenos Aires
14 cs, Eugene Munsell & Co, Brazil, Rio de Janeiro
5 cs, Trust Co of North America, Brazil, Rio de Janeiro
BLOCK—5 cs, Inverbank, Calcutta
DISCS—4 cs, Inverbank, Calcutta
3 cs, Eugene Munsell & Co, Inverbank, Calcutta
FILM—1 cs, Inverbank, Calcutta
SPLITTINGS—90 cs, Mica Insulator Co, Inverbank, Calcutta
200 cs, Inverbank, Calcutta
MILK POWDER—33 cs, Nestles Milk Prod Co, Excalibur, Marseilles
MOLASSES—560,924 gls, Comm'l Molasses Corp, Comol Cuba, Manopla
28,142 gls, Boston Molasses Corp, Seatrain, New York, Havana
MUSTARD SEED—600 bgs, I Harrison & Whitney, Manhattan, Hamburg
600 bgs, Van Norden & Archibald, Manhattan, Hamburg

MUSTARDSEED—200 bgs, Charles Gulden, Black Gull, Rotterdam
MYROBALANS—8,320 bgs, Silvaplana, Bombay
NAPHTHALENE—224 bgs, C B Richard & Co, American Merchant, London
1,000 bgs, S M Schwarzschild, Black Gull, Rotterdam
2,500 bgs, Black Gull, Rotterdam
500 bgs, Associated Metals & Mineral Corp, Black Gull, Rotterdam
NUTMEGS—50 bgs, Royal Bank of Canada, Nerissa, Grenada
250 bgs, Nerissa, Grenada
10 cs, Catz American Co, Kota Inten, Macassar
40 bgs, C T Wilson & Co, Kota Inten, Banda
25 bgs, Catz American Co, Kota Inten, Banda
113 bgs, W J Bush & Co, Kota Inten, Padang
48 bgs, C T Wilson & Co, Kota Inten, Macassar
NUX VOMICA—876 bgs, Mitsui & Co, Asakasan, Saigon
OCHER—104 cks, Robinson Wagner Co, Excalibur, Marseilles
900 bgs, C K Williams & Co, Excalibur, Marseilles
80 cks, Scott L Libby Corp, Excalibur, Marseilles
OIL, ABIES—5 dms, Magnus, Mabee & Reynard, Asakasan, Kobe
ALMOND—80 cs, Excalibur, Marseilles
36 cs, Vulcania, Palermo
ANISE—10 dms, Orbis Product Corp, Tai Ping, Hongkong
BAY—9 cs, Nerissa, Dominica
BERGAMOT—85 cs, Dodge & Olcott Co, Ida, Messina
150 cs, Lo Curto & Funk, Ida, Messina
112 cs, Conte di Savoia, Naples
CAJEPUT—3 dms, Kota Inten, Macassar
CAMPHOR—10 dms, Melchers, Inc, Tai Ping, Shanghai
10 dms, Guaranty Trust Co, Kiyokawa, Yokohama
CARAWAY—4 dms, Dodge & Olcott Co, Nieuw Amsterdam, Rotterdam
CASSIA—5 dms, W J Bush & Co, Jeff Davis, Hongkong
10 dms, Ungerer & Co, Jeg Davis, Hongkong
CHINAWOOD—260 tins, Tai Ping, Hongkong
CINNAMON LEAF—4 dms, Volkart Bros, Silvercedar, Colombo
CITRONELLA—5 dms, Volkart Bros, Inverbank, Port Said
2 dms, Lo Curto & Funk, Inverbank, Port Said
8 dms, P R Dreyer, Kota Inten, Batavia
30 dms, Kota Inten, Batavia
10 dms, Chase Natl Bank, Glaucus, Batavia
10 dms, Norton, Lilly & Co, Glaucus, Batavia
10 dms, Fritzsche Bros, Glaucus, Batavia
8 dms, Orbis Product Corp, Glaucus, Batavia
8 dms, Glaucus, Batavia
COCONUT—270 tons, Philippine Refg Co, Tai Ping, Manila
6,685 tons, Spencer Kellogg & Sons, Elizabeth Kellogg Manila
COD—150 dms, E M Javitz Co, Oslofjord, Aalesund
150 dms, Oslofjord, Oslo
63 cks, Bowring & Co, Fort Amherst, St Johns
1 pkg Gerald Murphy, Fort Amherst, St Johns
CODLIVER—7 cs, Norwegian Consulate General, Oslofjord, Oslo
378 dms, C T Smith, Manhattan, Hamburg
328 dms, J D Irwin & Co, Manhattan, Hamburg
274 dms, Gunning & Gunning, Manhattan, Hamburg
50 dms, Manhattan, Hamburg
500 dms, National Oil Prod Co, Kyno, Hull
300 dms, McKesson & Robbins, Kyno, Hull
90 dms, Silmo Chem Corp, Fort Amherst, Halifax
CORN—300 dms, Corn Product Refg Co, California, Glasgow
ESSENTIAL—12 cs, Excalibur, Marseilles
8 cs, Conte di Savoia, Naples
90 dms, Pastores, Puerto Barrios
5 cs, Manhattan, Lyon
6 cs, Manhattan, Havre
3 cs, Manhattan, Southampton
33 cs, Champlain, Havre
20 cs, Nieuw Amsterdam, Rotterdam
1 bbl, Hamburg, Hamburg
14 dms, 6 pkgs, American Merchant, London
182 pkgs, Normandie, Havre
FISH LIVER—116 dms, Consumers Import Co, Tai Ping, Yokohama
FUEL—96,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
68,000 bbls, Asiatic Petroleum Corp, L L Absahre, Curacao
107,965 bbls, Standard Oil Co of N J, Heinrich V Riedemann, Aruba
86,355 bbls, Gulf Oil Corp, Gulfpenn, Curacao
GERANIUM—1 dm, A Chiris Co, Excalibur, Marseilles
LEMON—100 cs, Lo Curto & Funk, Ida, Messina
16 cs, Orbis Product Corp, Ida, Messina
60 cs, Ungerer & Co, Ida, Messina
50 cs, Fritzsche Bros, Ida, Messina
100 cs, Vulcania, Palermo
5 cs, Citrus & Allied Essential Oil Co, Vulcania, Palermo
LEMONGRASS—6 dms, Britannic, Liverpool
21 dms, Volkart Bros, Glaucus, Cochin
8 dms, Brown Bros. Harrimann Co, Glaucus, Cochin
18 dms, Glaucus, Cochin
LIME—6 cs, Orbis Product Corp, Jamaica, Kingston
LINSEED—2 dms, Gallagher & Ascher, Nieuw Amsterdam, Rotterdam
LUBRICATING—370 bbls, Ilsenstein, Antwerp
45 dms, N Y & N J Oil Co, California, Glasgow
360 bbls, Pennland, Antwerp
100 dms, C F Cruickshank Corp, Batory, Copenhagen
MANDARIN—20 cs, Lo Curto & Funk, Ida, Messina
40 cs, Dodge & Olcott Co, Ida, Messina
OITICICA—743 dms, Balzac, Fortaleza
OLIVE — 15 dms, D Costalos, Excalibur, Piraeus
115 dms, British French Discount Bank, Excalibur, Piraeus
135 dms, Commi Bank of Greece, Excalibur, Piraeus
200 dms, Bank of Athens, Excalibur, Piraeus
25 dms, Olive Oil Industries, Excalibur, Piraeus
25 dms, Agash Refining Corp, Excalibur, Piraeus
25 dms, National Bank of Greece, Excalibur, Piraeus
100 dms, Smith Wehmann Co, Excalibur, Piraeus
25 dms, Commi Italian Greece, Excalibur, Piraeus
150 dms, Ionian Bank, Excalibur, Piraeus
100 dms, Banca Commi Italian Trust Co, Excalibur, Piraeus
58 dms, H S Head, Excalibur, Piraeus
155 dms, 105 cs, Excalibur, Piraeus
2,600 cs, Excalibur, Leghorn
10 dms, L Marino, Excalibur, Genoa
75 dms, Atlantic & Pacific Tea Co, Excalibur, Genoa
50 dms, A Bianco & Son, Excalibur, Genoa
OIL, OLIVE—50 dms, A Corrao, Excalibur, Genoa
10 dms, J Waltuch, Excalibur, Genoa
3,499 dms, Excalibur, Genoa
25 dms, Magnus, Mabee & Reynard, Excalibur, Marseilles
120 cs, Excalibur, Marseilles
50 dms, J Victory & Co, Excalibur, Marseilles
10 bbls, 105 cs, Ida, Bari
68 cs, 50 dms, Ida, Palermo
25 dms, Ida, Algiers
60 bbls, Corn Exchange Bank, Conte di Savoia, Genoa
535 cs, 5 dms, Conte di Savoia, Genoa
75 dms, Bank of Athens, Exchester, Rethymno
150 dms, Leghorn Trading Co, Exchester, Rethymno
100 cs, Exchester, Piraeus
40 cs, Normandie, Havre
75 cs, Vulcania, Lisbon
95 cs, Vulcania, Palermo
10 cks, L Antonio, Palermo
10 cks, American Express Co, Vulcania, Palermo
OLIVE SULPHUR — 107,025 kilos, Ionian Bank, Exchester, Canea
307,420 kilos, National Bank of Greece, Exchester, Rethymno
ORANGE—4 cs, Dodge & Olcott Co, Ida, Messina
10 cs, Citrus & Allied Essential Oil Co, Vulcania, Palermo
PALM—50 dms, Balfour, Guthrie & Co, Nieuw Amsterdam, Rotterdam
718 tons, Leeuwen, Boomkamp & Co, Kota Inten, Belawan
2 bbls, Britannic, Liverpool
Quantity, Banque Belge pour l'Etranger, Silvercedar, Belawan
PALMAROSA—2 pots, Chase Natl Bank, Silvaplana, Bombay
PALMKERNEL—100 dms, Nieuw Amsterdam, Rotterdam
PATCHOULI—1 dm, Kota Inten, Batavia
2 dms, Fritzsche Bros, Kota Inten, Batavia
PENNYROYAL—2 dms, 2 cs, Draeger Shipping Co, American Merchant, London
PERILLA—318 tons, Bank of California Natl Assn, Kiyokawa, Dairen
344 tons, Mitsui & Co, Kiyokawa, Dairen
PETITGRAIN—35 cs, East Indian, Buenos Aires
25 cs, W R Grace & Co, East Indian, Buenos Aires
PINE—1 cs, Dodge & Olcott Co, Vulcania, Trieste
POPPYSEED—1 dm, Gallagher & Ascher, Nieuw Amsterdam, Rotterdam
SASSAFRAS—37 dms, Orbis Product Corp, Asakasan, Kobe
SESAME—100 dms, Balfour, Guthrie & Co, Scanyork, Copenhagen
SUNFLOWER SEED—120 dms, Nieuw Amsterdam, Rotterdam
TEASEED—55 tons, Tai Ping, Hongkong
63 tons, Tai Ping, Shanghai
50 dms, Leghorn Trading Co, Kiyokawa, Shanghai
100 bbls, Paul A Dunkel & Co, Jeff Davis, Hongkong
THYME—4 dms, Excalibur, Marseilles
OPIUM—6 cs, Sharp & Dohme, Vulcania, Dubrovnik
3 cs, Eli Lilly & Co, Vulcania, Dubrovnik
ORANGE FLOWER WATER—3 cs, A Chiris Co, Excalibur, Marseilles
ORANGE PEEL—291 bgs, Transmarine Merc Corp, Santa Rosa, Cape Haitien
26 bls, Vulcania, Trieste
PAPRIKA—5 cs, American Express Co, Manhattan, Hamburg
420 bgs, Hamburg, Hamburg
16 bgs, H S Dorf & Co, Hamburg, Hamburg
25 bgs, J Raphael & Son, Vulcania, Lisbon
200 bgs, Durkee Famous Food, Vulcania, Lisbon
30 bgs, Mercantile Import Co, Vulcania, Lisbon
746 bgs, Vulcania, Trieste
PEAT DUST—280 bls, American Shipper, Glasgow
PEATMOSS—300 bls, Premier Peatmoss Corp, Oslofjord, Malmo
700 bls, Half Moon Mfg Trading Co, Nieuw Amsterdam, Rotterdam
1,870 bls, Premier Peatmoss Corp, Scanyork, Copenhagen
50 bls, Hamburg, Hamburg
1,658 bls, Premier Peatmoss Corp, Scanmail, Copenhagen
PEPPER, BLACK—200 bgs, Glaucus, Alleppey
WHITE—85 bgs, Kota Inten, Kota Baroe
PETROLEUM, CRUDE — 73,375 bbls, Cities Service Oil Co, Cities Service Oklahoma, Las Piedras
119,209 bbls, Standard Oil Co of N J, Peter Hurill, Las Piedras
71,601 bbls, Standard Oil Co of N J, Larry Doheny, Caripito
109,160 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
17,001 bbls, Standard Oil Co of N J, Caliope, Guiria
65,548 bbls, Standard Oil Co of N J, Caliope, Caripito
15,417 tons, Standard Oil Co of N J, Walter Jennings, Cartagena
9,660 tons, Standard Oil Co of N J, Phoebus, Caripito
3,083 tons, Standard Oil Co of N J, Phoebus, Guiria
140,006 bbls, Standard Oil Co of N J, Franz Klasen, Cumarebo, Venezuela
109,317 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
PIMENTO—100 bgs, Gillespie & Co, Jamaica, Kingston
100 bgs, Barclay Bank, Jamaica, Kingston
POPPYSEED — 100 bgs, Nieuw Amsterdam, Rotterdam
100 bgs, M Witsenburg, Nieuw Amsterdam, Rotterdam
POTASH, METABISULPHITE—40 cks, Globe Shipping Co, Pennland, Antwerp
PERSULPHATE — 40 dms, Manahan Chem Co, Nieuw Amsterdam, Rotterdam
SULPHATE—200 bgs, N V Potash Export My, Manhattan, Hamburg
PUMICE—70 bgs, Ida, Canneto
2,070 bgs, Whittaker, Clark & Daniels, Ida, Canneto
500 bgs, C B Chrystal & Co, Ida, Canneto
43 bgs, K F Griffiths & Co, Ida, Canneto
LUMP—5 bgs, Ida, Canneto
25 bgs, Whittaker, Clark & Daniels, Ida, Canneto
PYRETHRUM FLOWERS — 14 bls, Peek & Velsor, Vulcania, Dubrovnik
QUASSIA CHIPS—200 bgs, R J Prentiss & Co, Jamaica, Kingston
QUEBRACHO EXTRACT—3,146 bgs, Tannin Corp, Brazil, Buenos Aires
QUICKSILVER—88 flasks, Chase Natl Bank, Agwistar, Tampico (option London)
25 flasks, Siboney, Vera Cruz (option London)
QUININE, ETHYLCARBONATE—1 cs, New York Quinine & Chem Works, Nieuw Amsterdam, Rotterdam
QUINIDINE SULPHATE—5 cs, New York Quinine & Chem Works, Nieuw Amsterdam, Rotterdam
RAPESEED—111 bgs, Gale T German, Manhattan, Hamburg
ROOT, MEDICINAL—334 bls, Excalibur, Marseilles,
4 bls, S B Penick & Co, Excalibur, Marseilles
60 bgs, Hamburg, Hamburg
100 bls, S B Penick & Co, Vulcania, Trieste
11 bls, Peek & Velsor, Vulcania, Trieste
ROSE FLOWER WATER—2 cs, A Chiris Co, Excalibur, Marseilles
ROTTENSTONE—1 ck, J H Rhodes & Co, Britannic, Liverpool
SABADILLA SEED—60 bgs, Cottica, La Guaira
SAFFRON FLOWERS—3 cs, S B Penick & Co, Excalibur, Marseilles
2 cs, P H Petry & Co, Normandie, Havre
SAGE LEAVES—18 bls, Peek & Velsor, Vulcania, Dubrovnik
75 bls, Vulcania, Trieste
SANDALWOOD—20 bgs, Murphy & Beese Co, Silvaplana, Bombay
SEED, MEDICINAL—11 bgs, Peek & Velsor, Vulcania, Trieste
SESAME SEED—125 bgs, Gordon Wolf, Excalibur, Alexandria
5 bgs, Excalibur, Alexandria
222 bgs, Silvaplana, Bombay
237 bgs, Volkart Bros, Silvercedar, Colombo
SHELLAC—6 cs, A Hurst & Co, Nieuw Amsterdam, Rotterdam
30 cs, A Hurst & Co, Pennland, Antwerp
GARNET LAC—50 bgs, Ralli Bros, Inverbank, Calcutta
SEEDLAC—400 bgs, Ralli Bros, Inverbank, Calcutta
400 bgs, E E Androvette, Inverbank, Calcutta
SIENNA—8 bbls, Hensel Bruckmann & Lorbacher, Excalibur, Leghorn
250 bbls, Reichard Coulston, Excalibur, Leghorn
SOAP—1,490 cs, Conti Prod Co, Excalibur, Leghorn
6 cs, R Kahn, Excalibur, Marseilles
20 cs, Rohner, Gehrig & Co, Excalibur, Marseilles
2 cs, H Bendel, Manhattan, Havre
20 cs, J Praidis, Exchester, Piraeus
54 cs, Comm'l Bank of Greece, Exchester, Piraeus
38 cs, J E Bernard & Co, American Merchant, London
100 cs, Concentrate Mfg Co, Normandie, Havre
100 cs, J E Martin, Vulcania, Trieste
BASE—141 cs, Yardley & Co, American Merchant, London
SADDLE—80 cs, Salomon & Phillips, American Merchant, London
TOILET—6 cs, R F Downing & Co, Aquitania, Southampton
5 cs, American Express Co, American Merchant, London
SODA CYANIDE—500 dms, American Cyanamid & Chem Co, Nieuw Amsterdam, Rotterdam
PRUSSIATE—20 cks, Nieuw Amsterdam, Rotterdam
6 pkgs, Eugene Dietzgen Co, Hamburg, Hamburg
SILICOFLUORIDE—40 bbls, F H Tausig, Gripsholm, Copenhagen
SOLVENTS—500 dms, C P Chemical Solvents, Emilia, Ponce
SOYBEAN MEAL—5 bgs, J H Redding, Hamburg, Hamburg
SPONGES—9 bls, A Block & Son, Agwistar, Progreso
9 bls, World Sponge Market, Agwistar, Progreso
5 bls, J E Bernard & Co, Munargo, Nassau
24 bls, J H Rhodes & Co, Munargo, Nassau
103 bls, American Sponge & Chamois Co, Munargo, Nassau
39 bls, Gulf & West Indies Co, Munargo, Nassau
32 bls, Schroeder & Tremayne, Munargo, Nassau
16 bls, Munargo, Nassau
15 bls, Schroeder & Tremayne, Oriente, Havana
18 bls, Florida Sponge & Chamois Co, Oriente, Havana
5 bls, Oriente, Havana
7 bls, W J Honan, Scanyork, Stockholm
14 bls, American Sponge & Chamois Co, Siboney, Havana
80 bls, Schroeder & Tremayne, Siboney, Havana
REFUSE — 13 bls, American Sponge & Chamois Co, Munargo, Nassau
5 bls, J H Rhodes & Co, Munargo, Nassau
14 bls, Munargo, Nassau
6 bls, Munargo, Havana
10 bls, Oriente, Havana
1 bl, Schroeder & Tremayne, Siboney, Havana
SQUILL—50 bgs, Allaire, Woodward & Co, Vulcania, Trieste
STEARIN PITCH—380 dms, A V Berner & Co, Kyno, Hull
57 dms, Leitch Mfg Co, Kyno, Hull
STRAMONIUM LEAVES—40 bls, P H Petry & Co, Vulcania, Dubrovnik
TALC—2,000 bgs, Whittaker, Clark & Daniels, Kiyokawa, Kobe
1,024 bgs, Silvaplana, Bombay
469 bgs, Volkart Bros, Sivercedar, Colombo
TANKAGE—12,656 bgs, 2,374 cks, East Indian, Buenos Aires
2,908 bgs, Wessel, Duval & Co, East Indian, Buenos Aires
3,000 bgs, H J Baker & Bros, East Indian, Buenos Aires
1,000 bgs, Swift & Co, East Indian, Buenos Aires
2,936 bgs, Swift & Co, Norderney, Rosario
3,916 bgs, Norderney, Buenos Aires
TANTALITE ORE—37 bgs, Booth American Shipping Co, Glaucus, Singapore
TAPIOCA, FLAKE — 280 bgs, Kota Inten, Tjilatjap
1,324 bgs, Stein, Hall & Co, Glaucus, Sourabaya
FLOUR—1,250 bgs, Central Hanover Bank, Kota Inten, Tjilatjap
3,635 bgs, Stein, Hall & Co, Kota Inten, Tjilatjap
1,120 bgs, Java American Export Co, Kota Inten, Pasoeroean
3,328 bgs, Stein, Hall & Co, Kota Inten, Sourabaya
551 bgs, Kota Inten, Cheribon
250 bgs, Chase National Bank, Kota Inten, Batavia
8,021 bgs, Stein, Hall & Co, Glaucus, Sourabaya
300 bgs, American Cyanamid & Chem Co, Glaucus, Cheribon
700 bgs, American Cyanamid & Chem Co, Glaucus, Batavia
490 bgs, Aaron D Welds Sons, Silvercedar, Pasoeroean
1,070 bgs, Balfour, Guthrie & Co, Silvercedar, Pamanoekan
SEED—48 bgs, Stein, Hall & Co, Glaucus, Sourabaya
TARTAR—255 bgs, Ida, Bari
386 bgs, Ida, Naples
1,156 bgs, Standard Brands, Exchester, Oran
TEAWASTE—828 bgs, Citro Chem Co, Inverbank, Calcutta
TIMBO ROOT, POWD—630 bgs, G W Cole & Co, Balzac, Para
TRIPOLI—50 bgs, Whittaker, Clark & Daniels, Fort Amherst, Halifax
TUBA ROOT—100 bls, S B Penick & Co, Silvercedar, Singapore
TUCUM KERNELS—4,689 bgs, General Food Corp, Balzac, Parnahyba
TURMERIC—440 bgs, Volkart Bros, Glaucus, Alleppey
200 bgs, Glaucus, Alleppey
200 bgs, Volkart Bros, Glaucus, Cochin
UMBER—120 bgs, Whittaker, Clark & Daniels, Britannic, Liverpool
UREA—400 bgs, Synthetic Nitrogen Prod Corp, Nieuw Amsterdam, Rotterdam
400 bgs, Synthetic Nitrogen Prod Corp, Black Gull, Rotterdam
VALONIA EXTRACT, POWD—2,363 bgs, International Product Corp, Exchester, Yera
VANADIUM—5,706 bgs, Vanadium Corp, Santa Inez, Callao
VANILLA BEANS — 49 cs, Thurston & Braidich, Excalibur, Marseilles
33 cs, Dodge & Olcott Co, Excalibur, Marseilles
30 cs, Integrity Trust Co, Excalibur, Marseilles
70 cs, Excalibur, Marseilles
23 cs, Liberty Title Trust Co, Excalibur, Marseilles
10 cs, Dammann & Smeltzer, Champlain, Havre
3 cs, Geo Lueders & Co, Nerissa, St Lucia
16 cs, Nerissa, Dominica
5 cs, Rene Moelhausen, Nerissa, Guadeloupe
11 cs, Guaranty Trust Co, Normandie, Havre
VARNISH—1 cs, Gallagher & Ascher, Nieuw Amsterdam, Rotterdam
12 cs, L A Consmiller, Black Gull, Rotterdam
VIOLET FLOWERS—1 bg, Yardley & Co, American Merchant, London
WATER, MINERAL—100 cs, Lansen Naeve Corp, American Merchant, London
180 cs, American Agency French Vichy, Normandie, Havre
WAX—20 cs, L A Salomon & Bros, Normandie, Havre
BEES—37 bgs, Agwistar, Tampico
27 bgs, D Steengrafe, Munargo, Havana
27 bgs, Munargo, Havana
5 bgs, Flora, Curacao
25 bgs, Olaverria & Co, Oriente, Havana
6 bgs, Lenape Trading Co, Coamo, Trujillo
15 bgs, Curacao Trading Co, Coamo, Trujillo
29 bgs, Siboney, Vera Cruz
CANDELILLA—562 bgs, M Argueso & Co, Agwistar, Tampico
CARNAUBA — 89 bgs, Smith & Nichols, Balzac, Fortaleza
201 bgs, Lenape Trading Co, Balzac, Fortaleza
33 bgs, American Cyanamid & Chem Co, Balzac, Ceara
56 bgs, Innis, Speiden & Co, Balzac, Ceara
910 bgs, Strohmeyer & Arpe Co, Balzac, Parnahyba
188 bgs, Strahl & Pitsch, Balzac, Parnahyba
188 bgs, Bank of London-South America, Balzac, Parnahyba
63 bgs, Balzac, Parnahyba
CERESIN—400 bgs, Asiatic Petroleum Corp, Kota Inten, Sourabaya
MINERAL—20 bgs, A Hurst & Co, American Merchant, London
MONTAN—400 bgs, Innis, Speiden & Co, Manhattan, Hamburg
750 bgs, Strohmeyer & Arpe Co, Hamburg, Hamburg
REFINED—10 bxs, Socony Vacuum Oil Co, Glaucus, Batavia
STAIN—17 cs, J W Warnecke Corp, Nieuw Amsterdam, Rotterdam
VEGETABLE—200 cs, Strohmeyer & Arpe Co, Asakasan, Kobe
80 bgs, A Hurst & Co, California, Glasgow
50 bgs, National Bank of Cincinnati, California, Glasgow
WOODFLOUR—700 bgs, B L Soberski, Oslofjord, Fr Stad
400 bgs, Barnet & Co, Oslofjord, Oslo
400 bgs, State Chem Co, Nieuw Amsterdam, Rotterdam
1,400 bgs, Burnet & Co, Scanmail, Kotka
YEAST—40 cks, Hamburg, Hamburg
ZINC-AMMONIA CHLORIDE—20 cks, American Cyanamid & Chem Co, Ilsenstein, Antwerp

New York Transit Imports

ARCHIL, LIQUID—10 cks, Britannic, Liverpool, Chicago
DERRIS ROOT, POWD—28 kgs, W Cooper & Nephews, Britannic, Liverpool, Chicago
DIACETYL—2 cs, Nieuw Amsterdam, Rotterdam, Buffalo
PAPRIKA—200 bgs, Manhattan, Hamburg, Chicago
SPONGES—93 bls, Munargo, Nassau, London
31 bls, Munargo, Nassau, Amsterdam
18 bls, Munargo, Nassau, Havre
5 bls, Munargo, Nassau, Denmark
1 bl, Munargo, Nassau, Stockholm
26 bls, Oriente, Havana, Havre
2 bls, Siboney, Havana, Argentina
5 bls, Siboney, Havana, Paris
REFUSE—135 bls, Munargo, Nassau, London
2 bls, Munargo, Nassau, Denmark
10 bls, Munargo, Nassau, Stockholm
5 bls, Oriente, Havana, Havre
WATER, MINERAL—140 cs, American Express Co, Normandie, Havre, St Louis
160 cs, American Express Co, Normandie, Havre, Chicago

Baltimore Imports

BARIUM HYDRATE—79 cks, Cold Harbor, Liverpool
BONEMEAL—2,761 bgs, Bilderdijk, Rotterdam
977 bgs, Chase National Bank, Bilderdijk, Rotterdam
2,210 bgs, Black Eagle, Rotterdam
CHEMICALS—114 cs, Black Eagle, Rotterdam
900 bgs, 310 cks, Black Eagle, Antwerp
600 bgs, Cold Harbor, Glasgow
CHROME ORE—2,000 tons, Exminster, Mersin
CLAY, VALLENDAR—76 cks, Cleveland Trust Co, Black Eagle, Rotterdam
COCONUT, DESIC—110 cs, Kyusyu, Davao
CODLIVER MEAL—222 bgs, Black Eagle, Antwerp
IRON ORE—21,500 tons, Bethlehem Steel Co, Marore, Cruz Grande
21,800 tons, Bethlehem Steel Co, Steelore, Cruz Grande
MANGANESE ORE—4,557 tons, Steel Engineer, Calcutta
1,500 tons, City of Wellington, Calcutta
5,000 tons, Bethlehem Steel Co, Robin Adair, Durban
MEDICINAL PREPS—25 cs, Black Eagle, Rotterdam
MOLASSES—8,024,144 lbs, Cuba Distilling Co, Catahoula, La Romana
8,974,500 lbs, Cuba Distilling Co, Catahoula, Macoris

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OIL, FUEL—85,000 bbls, Standard Oil Co, N J, Baltic, Aruba
VEGETABLE—100 dms, Bilderdijk, Rotterdam
PEATMOSS—300 bls, Bilderdijk, Rotterdam
1,075 bls, Bilderdijk, Rotterdam
600 bls, Black Eagle, Rotterdam
PETROLEUM, CRUDE—111,759 bbls, Standard Oil Co, N J, J H Senior, Las Piedras
PYRITES—5,354 tons, Kingsborough, Huelva
TALC—300 bgs, Whittaker, Clark & Daniels, Schodack, Havre
WOOLGREASE—12 bbls, Cold Harbor, Liverpool

Boston Imports

ACID, STEARIC—200 bgs, 22,266 lbs, Black Hawk, Antwerp
67 triple bgs, 5 tons, 3 cwt, 3 qtrs, 21 lbs, Britannic, Liverpool
ANTIMONY REGULUS—4 kgs, 2,319 lbs, Gitlan & Co, Black Hawk, Antwerp
ARGOLS—102 bgs, 25,185 lbs, Silvaplana, Naples
BASIC SLAG—224 bgs, 44,797 lbs, Black Hawk, Antwerp
BONE, ASH—1 kg, American Express Co, Britannic, Liverpool
PHOSPHATE—250 bgs, 55,776 lbs, Wessel, Duval & Co, Black Hawk, Antwerp
BONES—214,302 lbs, Eastman Gelatin Co, Norderney, Rosario
25,757 lbs, Norderney, Buenos Aires
CALCIUM, HYPOPHOSPHITE—24 cs, Britannic, Liverpool
CARAWAY SEED—100 bgs, 11,023 lbs, Boston Brokerage Co, Black Hawk, Rotterdam
CHEMICALS—224 bgs, Schofield Donald Co, California, Glasgow
355 bgs, 54,784 lbs, Black Hawk, Rotterdam
35 bbls, 40 dms, 36,629 lbs, Philipp Bros, Black Hawk, Antwerp
800 bgs, 170,228 lbs, Black Hawk, Antwerp
CHINA CLAY—134 tons, 10 cwt, Moore & Munger, Susan Maersk, Fowey
1,459 tons, 3 cwt, English China Clays Sales Corp, Susan Maersk, Fowey
COCOA BEANS—2,250 bgs, City of Glasgow, Cristobal
1,348 bgs, Afram Trading Corp, Liberty, Hamburg
800 bgs, Noto, Cristobal
500 bgs, 90,019 lbs, Wessel, Kuhlenkamp Co, Hula Maersk, Cristobal
500 bgs, 90,019 lbs, Middleton & Co, Hulda Maersk, Cristobal
COLOR, DRY—4 cs, American Express Co, Britannic, Liverpool
EMERY, FILLET—3 cs, American Express Co, American Shipper, Liverpool
FISH LIVERS, FROZEN—266 tins, Naruto, Yokohama
HALIBUT—1 bx, Joseph A Rich, Corticelli, Yarmouth
2 bxs, Joseph A Rich, Evangeline, Yarmouth
1 crt, from Nova Scotia
FISHMEAL—14,500 bgs, 1,450,000 lbs, Hazelside, Vancouver, B C
2,000 bgs, 200,000 lbs, Yantic Grain & Products Co, Skeldergate, New Westminster, B C
GLASS, PLATE—10 cs, 33,377 lbs, Jacob Rubin & Sons, Black Hawk, Antwerp
GLUE—16 bbls, Nicholson & Co, Evangeline, Yarmouth, N S
GLUESTOCK, FISH SCRAP—5 bxs, J H Poole Co, Evangeline, Yarmouth
3 bbls, R H Ranagan, Evangeline, Yarmouth
HIDE CUTTINGS—388 bgs, 32 tons, 6 cwt, 1 qtr, 1 lb, American Express Co, Britannic, Liverpool
611 bgs, American Shipper, Manchester
347 bgs, Atlantic Gelatine Co, American Shipper, Liverpool
GREASE, WOOL—100 dms, First National Bank, American Shipper, Liverpool
GUM, ARABIC—50 bgs, 11,243 lbs, Chase National Bank, Silvaplana, Port Sudan
INDUSTRIAL—75 cks, 18 tons, 8 cwt, J P Marston Co, Britannic, Liverpool
GYPSUM—2,300 tons, U S Gypsum Co, Facto, Windsor, N S
IRON, OXIDE—40 bgs, Reichard-Coulston, American Shipper, Liverpool
MACE—22 cs, Kota Inten, Macassar
MUSTARD SEED—200 bgs, 22,398 lbs, Liberty, Hamburg
50 bgs, 11,023 lbs, D & L Slade, Black Hawk, Rotterdam
NUTGALLS—153 bgs, 22,966 lbs, Melcher's, Inc, Hulda Maersk, Hongkong
OIL, BERGAMOT—50 cs, Ida, Palermo
COCONUT—535 tons, Philippine Refining Corp, Hulda Maersk, Manila
COD—50 dms, 22,046 lbs, Liberty, Hamburg
200 cks, 88,184 lbs, Liberty, Hamburg
LUBRICATING—100 bbls, 54,711 lbs, Black Hawk, Antwerp
OLIVE—50 dms, Industrial Trust Co, Laura C, Malaga
PALM—64 dms, 71,420 lbs, Balfour, Guthrie & Co, Liberty, London
SOD—100 bbls, 4,863 lbs, Marden Wild Corp, Black Hawk, Antwerp
SPERM—50 dms, C H Powell Co, California, Glasgow
200 bbls, 50 dms, American Shipper, Glasgow
TEASEED—100 dms, Leghorn Trading Co, Hulda Maersk, Shanghai
OSSEIN—1,000 bgs, 111,993 lbs, Black Hawk, Antwerp
PEPPER, BLACK—729 bgs, M & Kattenhorn & Co, Greystoke Castle, Oosthaven
243 bgs, Greystoke Castle, Oosthaven
RED—50 bgs, 5,603 lbs, Liberty, Hamburg
WHITE—86 bgs, Kota Inten, Batavia
PUMICE, LUMP—120 bgs, James H Rhodes & Co, Ida, Canneto Lipari
POWDERED—170 bgs, Ida, Canneto Lipari
180 bgs, Charles B Chrystal Co, Ida, Canneto Lipari
17 bgs, James H Rhodes & Co, Ida, Canneto Lipari
100 bgs, A U Whidden & Sons, Ida, Canneto Lipari
SAGO FLOUR—1,486 bgs, Industrial Trust Co, Greystoke Castle, Singapore
SAND, FURNACE—600 bgs, 90,609 lbs, Black Hawk, Rotterdam
SHELLAC, SEEDLAC—200 bgs, First National Bank, Inverbank, Calcutta
200 bgs, Inverbank, Calcutta
SILICON CARBIDE—100 cks, 26,433 lbs, American Abrasive Co, Liberty, Hamburg
SODA, HYPOPHOSPHITE—18 cs, Britannic, Liverpool
STARCH, POTATO—250 bgs, 55,115 lbs, Black Hawk, Rotterdam
TALC—600 bgs, Silvaplana, Bombay
TANKAGE—560 bgs, 56,000 lbs, Cassel, Napier
1,016 bgs, H J Baker Bros, Norderney, Buenos Aires
TAPIOCA, FLOUR—250 bgs, Kota Inten, Tjilatjap
547 bgs, National City Bank, Kota Inten, Sourabaya
254 bgs, First National Bank, Kota Inten, Cheribon
770 bgs, Kota Inten, Cheribon
1,103 bgs, Minute Tapioca Co, Greystoke Castle, Pasoerocan
552 bgs, Greystoke Castle, Pasoerocan
2,140 bgs, Balfour, Guthrie & Co, Greystoke Castle, Pamanoekan
1,003 bgs, Stein, Hall & Co, Silvercedar, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Silvercedar, Pamanoekan
MEAL—380 bgs, Kota Inten, Batavia
VANILLA BEANS—27 cs, American Shipper, Liverpool
WAX, MONTAN—400 bgs, 66,136 lbs, Brown Bros, Harriman Co, Liberty, Hamburg

Gloucester Imports

FISH LIVERS, HALIBUT—25 cs, from Nova Scotia

Houston Imports

ARSENIC, WHITE—140 dms, Spaarndam, Antwerp
CALCIUM ARSENATE—2,240 dms, Skjelbred, Kobe
GLASS, WINDOW—29 cs, Spaarndam, Antwerp
OIL—3 bbls, Alioth, Antwerp
PEATMOSS—2,360 bls, Spaarndam, Rotterdam

Lake Charles Imports

SODA, NITRATE—5,105 tons, Sally Maersk, Tocopilla

Los Angeles Imports

BABASSU KERNELS—10,160 bgs, 1,343,920 lbs, West Cactus, Brazil
CALCIUM NITRATE—69,079 pkgs, 6,908,160 lbs, Laurits Swenson, Oslo
CARAWAY SEED—7,150 lbs, Loch Avon, Rotterdam
CHEMICAL SALT—3,000 lbs, Takaoka, Yokohama
CHINA CLAY—110,840 lbs, Loch Avon, Plymouth
CLOVES—4,510 lbs, Modjokerto, Macassar
COCONUT, DESIC—7,844 cs, 1,060,020 lbs, Modjokerto, Manila
184 cs, 22,720 lbs, Corneville, Phil Islands
1,400 cs, 185,880 lbs, Corneville, Manila
147 cs, 20,580 lbs, Marchen Maersk, Manila
COLORS, ARTIST'S—90 lbs, Sanyo, Tokyo
CERAMIC—670 lbs, Pacific Enterprise, Birmingham
COPRA MEAL—15,880 bgs, 1,588,000 lbs, Modjokerto, Manila
17,400 bgs, 1,744,000 lbs, Corneville, Manila
6,000 bgs, 601,000 lbs, Silvermaple, Manila
CRAYONS, CHARCOAL—190 lbs, San Pedro, Paris
FISH LIVERS, FROZEN—751 tins, 30,040 lbs, Marchen Maersk, Japan
585 tins, 23,400 lbs, Kamakura, Japan
207 tins, 7,970 lbs, Kamakura, Yokohama
GELATIN, EDIBLE—7,130 lbs, Loch Avon, Rotterdam
GLASS, SHEET—21 pkgs, 1,040 lbs, San Pedro, Brussels
WINDOW—626 pkgs, 34,400 lbs, San Pedro, Brussels
14 pkgs, 1,920 lbs, San Pedro, Charleroi, Belg
GUM, COPAL—6,720 lbs, Modjokerto, Singapore
DAMMAR—55 pkgs, 11,340 lbs, Silvermaple, Singapore
GYPSUM—7,934,080 lbs, Griffco, San Marcos Island
INK—250 lbs, Asakasan, Yokohama
6 lbs, Sanyo, Tokyo
IRON OXIDE—11,200 lbs, Loch Avon, London
MUSTARD PREP—30 lbs, Asakasan, Kobe
2,350 lbs, Loch Avon, London
280 lbs, San Pedro, Bordeaux
NUTMEGS—4,000 lbs, West Cactus, Port Spain
OIL, CHINAWOOD—55 dms, 22,000 lbs, Kamakura, Hongkong
CODLIVER—25 bbls, 5,680 lbs, Laurits Swenson, Bergen
100 dms, 22,500 lbs, Laurits Swenson, Bergen
75 dms, 20,630 lbs, Laurits Swenson, Oslo
CREOSOTE—25 dms, 12,390 lbs, Modavia, Bradford
80 dms, 32,000 lbs, Modavia, Liverpool
EUCALYPTUS—5 dms, 2,140 lbs, Mariposa, Melbourne
HAIR—190 lbs, Asakasan, Kobe
NUT—300 dms, 120,000 lbs, Corneville, Hongkong
OITICICA—10 dms, 4,410 lbs, Buenos Aires, Ceara
OLIVE—75 dms, 33,230 lbs, from Malaga
70 cs, 8,050 lbs, President Hayes, Genoa
15 pkgs, 6,350 lbs, President Hayes, Athens
PALM—30 pkgs, 5,780 lbs, Modavia, London
1,118,340 lbs, Corneville, Medan
40 bbls, 15,650 lbs, San Pedro, Antwerp
RICE BRAN—314,140 lbs, Kamakura, Japan
SPERM, CRUDE—250 dms, 185,950 lbs, Laurits Swenson, Oslo
OLEOMARGARIN—20 cs, 2,210 lbs, Laurita Swenson, Oslo
PALM KERNELS—132 pkgs, 15,840 lbs, Mariposa, Sydney
PEANUT MEAL—1,000 bgs, 100,000 lbs, Kamakura, Tsingtao
PEATMOSS—1,742 bls, 174,720 lbs, Laurits Swenson, Malmo
PHOSPHORUS—1,000 lbs, Kiyokawa, Kobe
POPPYSEED—3,850 lbs, Loch Avon, Rotterdam
POTASH CHLORATE, POWD—100 dms, 11,200 lbs, San Pedro, Paris
PYRIDIN—1 bbl, 520 lbs, San Pedro, Melzeville, France
RESIN VINYL—1,500 lbs, from Montreal
RICE FLOUR—240 lbs, Kiyokawa, Yokohama
310 lbs, Kamakura, Yokohama
SESAME SEED—240 lbs, Kiyokawa, Yokohama
10,000 lbs, President Pierce, Hongkong
1,411 bgs, 135,790 lbs, Curaca, Corinto
130 bgs, 22,100 lbs, President Hayes, Bombay
SHELLAC—200 bgs, 32,800 lbs, Silvermaple, Calcutta
SEEDLAC—150 bgs, 24,600 lbs, Silvermaple, Calcutta
SILVERSAND—313,600 lbs, San Pedro, Antwerp
SOAP, SOFT—3,310 lbs, Laurits Swensen, Oslo
TOILET—80 lbs, Asakasan, Kobe
SOYBEAN—300 lbs, Kamakura, Yokohama
TAPIOCA FLOUR—210 bgs, 46,920 lbs, Modjokerto, Batavia
TOILET PREPS—70 lbs, City of Baltimore, London
90 lbs, Kamakura, Yokohama
TUNGSTEN POWDER—4,480 lbs, Modavia, Liverpool
VANILLA BEANS—1,500 lbs, President Hayes, Marseilles
VARNISH—20 lbs, San Pedro, Paris
WATER, MINERAL—7,830 lbs, San Pedro, Lyon
WAX, CARNAUBA—4,370 lbs, Buenos Aires, Ceara
MINERAL—424 bgs, 56,070 lbs, Modjokerto, Dutch East Indies
10 bgs, 1,480 lbs, Loch Avon, London

New Orleans Imports

BAUXITE ORE—2,325 tons, Aluminum Ore Co, Ada, Paramaribo
1,270 tons, Aluminum Ore Co, Ada, Port of Spain
BONE FLOUR—2,742 sx, Leerdam, Rotterdam
2,240 sx, Leerdam, Antwerp
2,206 sx, Nienburg, Hamburg
CHEMICALS—216 csks, Advance Solvents & Chemical Corp, Nienburg, Hamburg
90 dms, Nienburg, Hamburg
6 cs, United Fruit Co, Nienburg, Bremen
COCONUTS—50 sx, J Meyer, Harboe Jensen, Kingston
100 sx, L Hayward, Harboe Jensen, Belize
116 sx, Fruit Dispatch Co, Baja California, Swan Island
GLASS, WINDOW—175 cs, Leerdam, Antwerp
GUM CHICLE—144 bls, Wrigley Import Co, Toloa, Puerto Barrios
760 bls, Chicle Development Co, Toloa, Puerto Barrios
ILMENITE SAND—1,500 tons, Eidsvold, Colachel
MOLASSES—1,760,999 gls, Commercial Molasses Corp, Evina, Preston
MUSTARD—20 cs, Atlantic Sales Corp, Leerdam, Rotterdam
OIL, MINERAL—200 dms, Nienburg, Hamburg
OLIVE—4 dms, Mercantile & Commercial Bank, Effingham, Seville
PEATMOSS—5,300 bls, Premier Peat Moss Corp, Leerdam, Rotterdam
300 bls, Peoples National Bank, Leerdam, Rotterdam
370 bls, Marine Midland Trust Co, Leerdam, Rotterdam
SALT—336 sx, United Fruit Co, Nienburg, Bremen
SALTCAKE—365,000 kilos, Nienburg, Bremen
SALTPETER—20 sx, Leerdam, Antwerp
TAPIOCA FLOUR—363 sx, Salabangka, Tjilatjap
328 sx, Salabangka, Batavia

Norfolk Imports

CALCIUM NITRATE—850 bgs, Synthetic Nitrogen Products Corp, Toledo, Heroen
429 tons, Synthetic Nitrogen Products Corp, Toledo, Heroen
CHINA CLAY—826 tons, 5 cwts, Paper Makers Importing Co, Gloucester City, Fowey
528 tons, 3 cwts, J W Higman Co, Gloucester City, Fowey
500 bgs, 51 tons and 7 cwts, J W Higman Co, Gloucester City, Fowey
CLAY, BALL, BULK—317 tons, 13 cwts, Paper Makers Importing Co, Gloucester City, Fowey
40 tons, J W Higman Co, Gloucester City, Fowey
2 bgs, J W Higman Co, Gloucester City, Fowey
GUM, INDUSTRIAL—65 csks, J P Marston Co, Boston, Manchester Brigade, Manchester
LEATHER WASTE—1,094 bgs, Manchester Brigade, Manchester
45 bls, Manchester Brigade, Manchester
MANGANESE ORE—7,300 gross tons, Chase National Bank of N Y, Blairlogie, Poti
MICA, SCRAP—667 bgs, Mathura, Calcutta
SODA, NITRATE—3,848 tons, Guaranty Trust Co, N Y, Mariston, Antofagasta, Chile

Philadelphia Imports

ACIDS, FATTY—30 bbls, George A Street, City of Flint, Hamburg
ALUMINUM DROSS—100 bgs, E H Houghton & Co, Cold Harbor, Liverpool
AMMONIA SULPHATE—450 bgs, Noordam, Rotterdam
ARSENIC—150 cks, City of Flint, Hamburg
ASBESTOS FIBRE—20 tons, Astrid Thorden, Mantyluto
BONE MEAL—976 bgs, Chase National Bank, Noordam, Rotterdam
1,103 bgs, Woodward & Dickerson, Black Condor, Rotterdam
1,110 bgs, Black Condor, Rotterdam
2,100 bgs, Birmania, Fiume
1,088 bgs, Laura C, Trieste
1,103 bgs, Liberty, Hamburg
CARAWAY SEED—50 bgs, Noordam, Rotterdam
2,000 bgs, Balfour, Guthrie & Co, Noordam, Rotterdam
CHEMICALS—540 dms, Noordam, Rotterdam
25 bbls, 200 bgs, Black Condor, Rotterdam
1,000 bgs, Industrial Sales Corp, Black Condor, Antwerp
CHINA CLAY—50 bgs, United Clay Mines Corp, Noordam, Rotterdam
CINCHONA BARK—618 bls, Black Condor, Rotterdam
CLAY, VALLENDAR—77 cks, Black Condor, Rotterdam
COCOA BEANS—410 bgs, Gran, Lisbon
4,220 bgs, Superintendence Co, New Brunswick, Lagos
5,268 bgs, New Brunswick, Koko
4,204 bgs, Superintendence Co, New Brunswick, Lagos
6,219 bls, Balfour, Guthrie & Co, New Brunswick, Lagos
1,590 bgs, New Brunswick, Lagos
1,600 bgs, Superintendence Co, New Brunswick, Accra
800 bgs, Standard Bank of South Africa, New Brunswick, Accra
800 bgs, New Brunswick, Accra
2,400 bgs, Banque Canadienne Nationale, New Brunswick, Accra
1,600 cs, Guaranty Trust Co, New Brunswick, Accra
1,600 bgs, Bank of Manhattan, New Brunswick, Accra
2,280 bgs, Balfour, Guthrie & Co, New Brunswick, Accra
750 bgs, Superintendence Co, New Brunswick, Winnebah
688 bgs, Balfour, Guthrie & Co, New Brunswick, Winnebah
305 bgs, Balfour, Guthrie & Co, New Brunswick, Saltpond
5,265 bgs, Cie Francaise De L'Afrique Occidental, New Brunswick, Port Bouet
1,740 bgs, Balfour, Guthrie & Co, New Brunswick, Port Bouet
750 bgs, S C O Co, New Brunswick, Port Bouet
3,785 bgs, Cie Francaise de L'Afrique, New Brunswick, Sassandra
CORK, VIRGIN—2,650 bls, Armstrong Cork Co, Ida Z O, Bone
760 bls, Armstrong Cork Co, Ida Z O, Djidjelli
WASTE—4,822 bls, Armstrong Cork Co, Ida Z O, Bone
3,902 bls, Armstrong Cork Co, Ida Z O, Djidjelli
700 bls, Gran, Lisbon
240 bls, Crown Cork & Seal Co, Laura C, Seville
4,442 bls, Armstrong Cork Co, Ida Z O, Djidjelli
WOOD—225 bls, Armstrong Cork Co, Ida Z O, Bone
FERROCHROME—109 bls, Vingaren, Helsingfors
FERROMANGANESE—60,116 kilos, Wm Mueller & Co, Noordam, Rotterdam
FERTILIZER—500 bgs, Synthetic Nitrogen Products Corp, Noordam, Rotterdam
201 bgs, Independence Hall, Bordeaux
FLAXSEED—1,492 tons, 946 bgs, Louis Dreyfus & Co, Mormacstar, Buenos Aires
FLUORSPAR—180 tons, Gran, St Raphael
200 bgs, International Selling Corp, Independence Hall, Havre
GLASS, WINDOW—12 cs, Black Condor, Antwerp
GLYCERIN—9 dms, Cold Harbor, Dublin
20 dms, Gran, Marseilles
GRAPHITE—572 bgs, New York Trust Co, City of Wellington, Colombo
1,508 bgs, Irving Trust Co, City of Wellington, Colombo
250 bgs, New York Trust Co, City of Adelaide, Colombo
250 bgs, Macharda, Colombo
250 bgs, New York Trust Co, Inverbank, Colombo
331 bgs, Irving Trust Co, Inverbank, Colombo
GINGER ROOT—95 bgs, New Brunswick, Freetown
GUM, ARABIC—500 bgs, Silvaplana, Port Sudan
50 bgs, Chase National Bank, Silvaplana, Port Sudan
ILMENITE SAND—8,500 tons, Saganaga, Koilthottam
5,500 tons, Silvaplana, Koilthottam
IRON OXIDE—1,000 bgs, F B Vandegrift & Co, City of Flint, Dundee
MAGNESITE—660 tons, Harbison Walker Ref Co, Laura C, Bulgaria
62 tons, Harbison Walker Ref Co, Laura C, Czecho Slovakia
MANGANESE ORE—300 bgs, Gran, Marseilles
MOLASSES—945,116 gls, Carrabulle, Puerto Tarafa
475,570 gls, Carrabulle, Matanzas
546,441 gls, 1 cs, samples, Cassinir, Santiago
810,882 gls, 8 cans, samples, Cassimir, Cienfuegos
MUSTARD SEED—120 bgs, American Bluefriesveen, Black Condor, Rotterdam
100 bgs, Black Condor, Rotterdam
MYROBALANS—11,600 pkts, Guaranty Trust Co, Macharda, Calcutta
3,080 bgs, Silvaplana, Bombay
NAPHTHALENE—2,500 bgs, J W Hampton, Jr & Co, Black Condor, Rotterdam
NIGER SEED—67 bls, Norton Lilly & Co, City of Adelaide, Vizagapatam
OIL, CODLIVER—130 dms, City of Flint, Hull
270 dms, City of Flint, Hamburg
100 dms, Independence Hall, Havre
CORN—44,740 kilos, Noordam, Rotterdam
14,355 kilos, Black Condor, Rotterdam
191,088 kilos, Black Condor, Antwerp
LUBRICATING—40 dms, Black Condor, Antwerp
MINERAL—19 cks, 1 cs, Sharpless Co, Black Condor, Antwerp
OLIVE—475 cs, Birmania, Leghorn
24 cs, Laura C, Messina
8 cs, Laura C, Palermo
PALM—61 dms, Balfour, Guthrie & Co, New Brunswick, Abonema
37 dms, Balfour, Guthrie & Co, Liberty, London
TEASEED—50 dms, Philadelphia National Bank, Naruto, Shanghai
OSSEIN—436 bgs, Black Condor, Antwerp
PAPRIKA—75 bgs, Laura C, Trieste
PEPPER—50 bgs, Liberty, London
PEATMOSS—1,000 bls, Marine Midland Trust Co, Noordam, Rotterdam
1,585 bls, Noordam, Rotterdam
250 bls, Marine Midland Trust Co, Black Condor, Rotterdam
300 bls, Woodward & Dickerson, Black Condor, Rotterdam
PEPPER—1 bg, Terukawa, Havana
PETROLEUM, CRUDE—91,571 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
110,337 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
POPPYSEED—50 bgs, Noordam, Rotterdam
POTASH SULPHATE—1,000 bgs, N V Potash Export Mij, Inc, Liberty, Hamburg
POTATO DEXTRIN—50 bgs, Stein, Hall & Co, Noordam, Rotterdam
QUEBRACHO EXTRACT—400 bgs, International Products Corp, Mormacstar, Buenos Aires
SALTPETER—419 bgs, Liberty, Hamburg
SARDINE MEAL—640 bgs, Wilbur Ellis & Co, Noto, Kobe
1,000 bgs, Mitsui & Co, Noto, Kobe
SESAME SEED—431 bgs, Silvaplana, Bombay
SHELLAC—100 bgs, Bank of London & South America, City of Wellington, Calcutta
200 bgs, Philadelphia National Bank, Macharda, Calcutta
100 bgs, Macharda, Calcutta
GARNET—405 bgs, Grace National Bank, City of Wellington, Calcutta
50 bgs, Grace National Bank, City of Adelaide, Calcutta
150 bgs, Bank of Manhattan, Macharda, Calcutta
250 bgs, Grace National Bank, Inverbank, Calcutta
TALC—1,550 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
100 bgs, Hammill & Gillespie, Independence Hall, Bordeaux
TANKAGE—907 bgs, Mormacstar, Santos
WATER, MINERAL—140 cs ,Noordam, Rotterdam
WAX, BEES—8 bbls, Bingham & Co, Castilla, Puerto Barrios
CARNAUBA—112 bgs, Guaranty Trust Co, Polycarp, Ceara
23 bgs, Polycarp, Camocim
VEGETABLE—100 cs, Philadelphia National Bank, Noto, Moji via Yokohama
50 cs, Mitsubishi Shoji Kaisha, Noto, Moji via Yokohama
WITHERITE—187 tons, 12 cwt, 2 qtrs, City of Flint, Hull

Portland, Ore., Imports

ANTIMONY REGULUS—20 kgs, C H Gitlan & Co, Tacoma, Antwerp
BONE MEAL—1,120 sks, Leme, Genoa
GUM COPAL—131 bskts, Henry W Peabody & Co, Hoegh Silverlight, Macassar
DAMMAR—10 cs, H M Newhall & Co, Hoegh Silverlight, Batavia
MOLASSES—600 tons, Mauna Ala, Hilo
PEATMOSS—191 bls, Wilson & George Meyer & Co, Canada, Copenhagen
200 bls, H M Newhall & Co, Dinteldijk, Rotterdam
TAPIOCA—100 sks, Philadelphia National Bank, Hoegh Silverlight, Cheribon
500 sks, Hoegh Silverlight, Cheribon
WHITING—110 sks, Canada, Copenhagen

San Francisco Imports

ARGOLS—268 sks, W R Grace & Co, Portland, Cristobal
CHALK, GRD—100 sks, Portland, Antwerp
100 sks, Portland, Antwerp (for Oakland)
CHEMICALS—31 csks, Portland, Hamburg
COPRA—263 tons, Silverbeech, Manila
1,453 sks, Mariposa, Pago Pago
CORKWASTE—1,540 bls, Armstrong Cork Co, Portland, Bremen
CREOSOTE—2,500 tons, Continental Co, Oil Pioneer, Middlesboro (for Oakland)
2,809 tons, American Creosote Co, Oil Pioneer, Middlesboro (for Oakland)
FERTILIZER CHEMICALS—136 sks, Wilson & George Meyer & Co, Portland, Hamburg (for Oakland)
GLASS, FIGURED—6 cs, Blackheath, Antwerp (for Oakland)
WINDOW—100 cs, Blackheath, Antwerp
WIRED—4 cs, Blackheath, Antwerp (for Oakland)
INK—1 cs, Hinomoto Co, Kamakura, Kobe
ISINGLASS—1 bl, Benkyodo Co, Kamakura, Kobe
MEDICINAL PREPS—1 cs, Pacific Trading Co, Kamakura, Kobe
1 cs, Hosoda Bros, Kamakura, Kobe
2 cs, Hinomoto Co, Kamakura, Kobe
OCHER—480 sks, Leme, Marseilles
OIL, COCONUT—210 tons, Silverbeech, Manila
EUCALYPTUS—3 dms, McKesson-Langley-Michaels Co, Mariposa, Melbourne
25 cs, Mariposa, Melbourne
1 dm, 10 cs, P J Frawley, Mariposa, Melbourne
LUBRICATING—75 dms, Standard Oil Co of California, Portland, Antwerp
OLIVE—105 dms, H Schroeder Banking Corp, Leme, Genoa

OIL, PERILLA—135 tons, Mitsubishi Shoji Kaisha, Kamakura, Kobe
PAPRIKA, GRD—100 sks, Leme, Genoa
50 sks, S H Tyler & Son, Portland, Hamburg
25 sks, McClintock-Stern Co, Portland, Hamburg
PEATMOSS—1,100 bls, Peat Import Corp, Portland, Bremen (for Oakland)
PEELS, DRY—20 sks, Leme, Leghorn
POTASH CHLORATE, POWD—250 dms, Uniform Chemical Products, Portland, Hamburg (for Oakland)
TALLOW—85 dms, Willits & Co, Mariposa, Auckland
TOILET PREPS—1 cs, Hosoda Bros, Kamakura, Kobe
3 cs, Himonoto Co, Kamakura, Kobe
WATER, MINERAL—400 cs, E & J Burke, Leme, Marseilles

Savannah Imports

CHEMICALS—404 dms, Shickshinny, Antwerp
CLAY—72 cks, Shickshinny, Antwerp
OIL, CREOSOTE—2,506 tons, Teddy, Seizaete
SALTCAKE—Quantity, Johannes Molkenbuhr, Bremen
TAPIOCA FLOUR—276 bgs, Silveryew, Pasoeroean

Seattle Imports

ACID, CRESYLIC—2 cs, Dinteldijk, London
OXALIC—20 dms, Balfour, Guthrie & Co, Dinteldijk, Rotterdam
GUM COPAL—477 bskts, Henry W Peabody & Co, Hoegh Silverlight, Macassar
DAMMAR—25 cs, H M Newhall & Co, Hoegh Silverlight, Batavia
MACE—16 cs, Hoegh Silverlight, Padang
14 cs, Crescent Manufacturing Co, Hoegh Silverlight, Macassar
MOLASSES—600 tons, Mauna Ala, Hilo
PEATMOSS—350 bls, Wilson & George Meyer & Co, Canada, Copenhagen
PEPPER, WHITE—2.9 sks, Hoegh Silverlight, Batavia
PIMENTO—25 sks, Dinteldijk, London
POPPYSEED—50 sks, Gale T German, Dinteldijk, Rotterdam
TAPIOCA FLOUR—662 sks, W J Byrnes & Co, Hoegh Silverlight, Sourabaya
SEED—106 sks, Hoegh Silverlight, Cheribon

Tacoma Imports

TAPIOCA FLOUR—725 sks, W J Byrnes & Co, Hoegh Silverlight, Batavia
228 sks, W J Byrnes & Co, Hoegh Silverlight, Sourabaya

Tampa Imports

PERFUMERY—1 ctn, Cuba, Havana
SOAP—1 cs, Cuba, Havana
SODA NITRATE—2,678 tons, Gypsum Queen, Tocopilla

Exports from U.S. Ports

New York Exports

Clearance Dates

Artigas, April 14; Atutasan, April 12; Bergensfjord, April 19; Black Heron, April 15; British Prince, April 18; Buenos Aires, April 22; Cameronia, April 20; City of Bagdad, April 15; City of Derby, April 18; City of Elwood, April 6; Coamo, April 20; Cristobal, April 18; Examelia, April 20; Exchange, April 13; Fernhill, April 19; Gedania, April 19; Georgic, April 18; Gunvor, April 21; Gypsum Empress, April 24; Havana, April 6; Hektor, April 20; Helga, April 21; Ingria, April 18; Jamaica, April 19; Kinai, April 15; Kolsnaren, April 20; Laconia, April 14; Laila, April 7; Mormacport, April 15; Musa, April 7; New Columbia, April 7; Oriente, April 7, 15; Poling Bros, April 25; Ponce, April 15; Puerto Rico, April 22; Santa Paula, April 20; Temnaren, April 21; Voco, April 21; Washington, April 19; Yomachichi, April 1; Zaandam, April 14

ACID, ACETIC—1,032 lbs, Puerto Rico, San Juan; 12,548 lbs, Helga, Corral
MURIATIC—(Ponce) 2,426 lbs, La Romana; 15,280 lbs, Ponce; 24,800 lbs, Puerto Rico, Arecibo; 1,155 lbs, Laila, Callao
SALICYLIC—494 lbs, Musa, La Libertad
SULPHURIC—1,565 lbs, Laila, Callao
TARTARIC—1,605 lbs, Jamaica, Barranquilla
AMMONIA, ANHYD—(Santa Paula) 67,810 lbs, Barranquilla; 15,680 lbs, Cartagena; 7,165 lbs, Laila, Tocopilla
HYDROXIDE—1,342 lbs, Laila, Callao
SULPHIDE—750,000 lbs, New Columbia, Teneriffe
AMYL ACETATE—6,150 lbs, Jamaica, Barranquilla; 1,199 lbs, Buenos Aires, Rio Janeiro
ASPHALT—11,294 lbs, Mormacport, Gothenburg; 24,081 lbs, Artigas, Manchester; 19,675 lbs, City of Derby, Hongkong; (Temnaren) 70,065 lbs, Gothenburg; 30,208 lbs, Stockholm; 19,956 lbs, Helga, Callao
LIQUID—39,718 lbs, Cameronia, Glasgow
SOLID—22,208 lbs, Zaandam, Rotterdam
BARK—2,268 lbs, Yomachichi, Sydney
BITUMEN—(Yomachichi) 1,088,977 lbs, Sydney; 1,302,627 lbs, Melbourne
BLUE, ULTRAMARINE — 17,034 lbs, Helga, Talcahuano
VITRIOL—20,200 lbs, Cristobal, Buenaventura; 30,000 lbs, Gypsum Empress, Windsor
BUTYL ACETATE — 13,348 lbs, Yomachichi, Sydney; 12,348 lbs, Bergensfjord, Bergen
CADMIUM SULPHIDE—22,300 lbs, City of Elwood, Bombay
CALCIUM CARBIDE—79,520 lbs, Oriente, Havana
CHLORIDE—33,900 lbs, Cristobal, Cristobal; 5,112 lbs, Havana, Vera Cruz; 24,012 lbs, Oriente, Havana
CARBON BISULPHIDE—3,412 lbs, Laila, Valparaiso
CEMENT, RUBBER—4,589 lbs, Mormacport, Helsingfors
CHEMICALS—(Mormacport) 4,146 lbs, Turku; 2,239 lbs, Gothenburg; 30,205 lbs, Stockholm; 22,079 lbs, Buenos Aires, Buenos Aires; (Black Heron) 1,196 lbs, Antwerp; 7,695 lbs, Rotterdam
CHLORINE, LIQ—30,496 lbs, Laila, Valparaiso
CLAY—120,000 lbs, Bergensfjord, Oslo
COCOA BUTTER—1,824 lbs, Kinai, Yokohama
CAKE—56,674 lbs, Zaandam, Amsterdam
COLOR, DRY—2,950 lbs, Musa, Puntarenas
CORN FLOUR—8,900 lbs, Laconia, Liverpool; 14,805 lbs, Oriente, Havana; 1,995 lbs, Laila, Guayaquil; (Helga) 782 lbs, Guayaquil; 16,731 lbs, Callao
SUGAR — (Artigas) 10,150 lbs, Liverpool; 10,150 lbs, Glasgow; 20,300 lbs, Zaandam, Rotterdam/Amsterdam; 10,150 lbs, Laconia, Liverpool; 12,180 lbs, Black Heron, Antwerp
SYRUP—24,750 lbs, Oriente, Havana; (Laila) 4,089 lbs, Buenaventura; 1,546 lbs, Guayaquil; 1,584 lbs, Callao
CYANIDE—10,876 lbs, Laila, Puntarenas
DEXTRIN—35,250 lbs, Oriente, Havana
CORN—14,100 lbs, City of Bagdad, Calcutta; 2,272 lbs, Mormacport, Copenhagen; 34,488 lbs, Yomachichi, Sydney
DICHLORODIFLUOROMETHANE — 3,424 lbs, Washington, Havre
DISINFECTANT—1,580 lbs, Coamo, San Juan
DYES—9,368 lbs, Zaandam, Amsterdam; 700 lbs, Washington, Hamburg; 6,827 lbs, Black Heron, Antwerp
ETHYL FLUID—(British Prince) 200 gls, Capetown; 200 gls, Durban; 200 gls, Beira; 1,650 gls, Santa Paula, Cartagena; 1,100 gls, Helga, Valparaico
ETHYLENEGLYCOL MONOETHYLETHER—1,840 lbs, Bergensfjord, Bergen
FERTILIZER—76,500 lbs, Musa, Porto Armuelles
FLOTATION REAGENT—2,150 lbs, Yomachichi, Sydney
FORMALDEHYDE—5,340 lbs, Jamaica, Barranquilla; 2,703 lbs, Hektor, Rio Janeiro
GASOLINE—653,352 gls, Poling Bros, Toronto; 25,000 gls, Buenos Aires, Montevideo
AVIATION—11,000 gls, Fernhill, Lisbon
GLUCOSE—2,459 lbs, Laila, Callao; 1,188 lbs, Helga, Valparaiso
SOLID—1,012 lbs, British Prince, Port Elizabeth; 4,060 lbs, Yomachichi, Melbourne; 459 lbs, Ponce, San Juan; 3,102 lbs, City of Elwood, Bombay
GREASE, LUBRIC—(Mormacport) 4,452 lbs, Copenhagen; 24,464 lbs, Helsingfors; 39,165 lbs, Gdynia; 960 lbs, Stockholm; 26,472 lbs, City of Baghdad, Karachi; 60,374 lbs, Artigas, Manchester; 312,758 lbs, Laconia, Liverpool; (British Prince) 21,246 lbs, Lourenco Marques; 612 lbs, Beira; (Ingria) 604 lbs, Leixoes; 950 lbs, Lisbon; 4,543 lbs, Algiers; 1,751 lbs, Marseilles; 12,014 lbs, Tunis; (Cristobal) 2,243 lbs, Cartagena; 11,938 lbs, Cristobal; 745 lbs, Exchange, Casablanca; 4,680 lbs, Oriente, Havana; 4,318 lbs, Yomachichi, Sydney; 7,321 lbs, Cameronia, Glasgow; 5,225 lbs, City of Elwood, Rangoon; (Kinai) 23,010 lbs, Tientsin; 123,985 lbs, Moji; 147,217 lbs, Kobe; 10,900 lbs, Ponce, San Juan; 2,001 lbs, Buenos Aires; 2,600 lbs, Gunvor, Barbados; 8,042 lbs, Santa Paula, Barranquilla; 17,245 lbs, Oriente, Havana; 4,708 lbs, Laila, Callao; 15,244 lbs, Black Heron, Antwerp; 2,460 lbs, Washington, Hamburg; (Hektor) 4,380 lbs, Rio Janeiro; 10,742 lbs, Santos; (New Columbia) 2,950 lbs, Las Palmas; 1,510 lbs, Dakar; 2,403 lbs, Helga, Callao; 2,824 lbs, Examelia, Piraeus; (Tenmaren) 868 lbs, Malmo; 2,262 lbs, Stockholm
HYDROGEN PEROXIDE—4,589 lbs, Laila, Mollendo; 10,003 lbs, Helga, Buenaventura
INK, PRINTING—12,612 lbs, Helga, Valparaiso
INSECTICIDE, AGRIC—6,060 lbs, Exchange, Istanbul; 3,591 lbs, Yomachichi, Sydney; (Kinai) 7,680 lbs, Yokohama; 7,740 lbs, Osaka; 7,389 lbs, New Columbia, Teneriffe
HOUSEHOLD—11,422 lbs, Ingria, Leixoes; 37,980 lbs, City of Elwood, Bombay
KEROSENE—1,000 gls, New Columbia, Marshall
LACQUER—5,075 lbs, Buenos Aires, Rio de Janeiro; 950 lbs, Bergensfjord, Bergen; 2,184 lbs, Black Heron, Antwerp
THINNER—1,430 gls, City of Elwood, Calcutta; 2,310 gls, Laila, Valparaiso
LARD—(Jamaica) 17,663 lbs, Cartagena; 58,875 lbs, Barranquilla; 81,588 lbs, Laconia, Liverpool; 7,937 lbs, Georgic, Southampton; (Santa Paula) 8,000 lbs, Panama; 4,000 lbs, Porto Cabello; 8,000 lbs, Maracaibo; 18,000 lbs, La Guaira; 7,944 lbs, Laila, Buenaventura; 34,050 lbs, Black Heron, Antwerp; 6,175 lbs, Washington, Hamburg
LEAD, RED—12,992 lbs, Hektor, Buenos Aires
LEAVES—11,480 lbs, Washington, Havre
LINSEED CAKE—(Black Heron) 4,111,483 lbs, Antwerp; 3,970,380 lbs, Rotterdam
LITHARGE—81,407 lbs, Hektor, Buenos Aires
LITHOPONE—33,785 lbs, Havana, Vera Cruz
MAGNESIA HYDROXIDE—2,875 lbs, Ponce, San Juan
MOLYBDENUM CONC—48,510 lbs, Washington, Havre
NAPHTHA—5,945 gls, New Columbia, Dakar
OIL, CASTOR—783 lbs, Examelia, Istanbul; 487 lbs, Ponce, Fajardo; 2,431 lbs, Jamaica, Barranquilla
COCONUT—10,180 lbs, Oriente, Havana
CORN—(British Prince) 1,050 lbs, Durban; 902 lbs, Lourenco Marques; (Ponce) 11,850 lbs, San Juan; 1,170 lbs, Mayaguez
CREOSOTE — 5,300 lbs, Musa, Puntarenas; 535 lbs, Puerto Rico, Mayaguez
EDIBLE—3,285 lbs, Ponce, San Juan; 5,594 lbs, Coamo, San Juan; 2,772 lbs, Laila, Guayaquil; 2,334 lbs, Helga, Guayaquil
FUSEL—2,200 gls, Atutasan, Osaka
GAS—(New Columbia) 3,300 gls, Cape Coast; 1,375 gls, Saltpond; 2,750 gls, Calabar
LUBRICATING—(Zaandam) 8,400 gls, Rotterdam; 3,475 gls, Amsterdam; (Mormacport) 7,325 gls, Malmo; 8,400 gls, Gdynia; 2,365 gls, Gothenburg; 31,460 gls, Stockholm; (City of Baghdad) 275 gls, Karachi; 1,470 gls, Madras; 30,410 gls, Bombay; 32,875 gls, Calcutta; 385 gls, Colombo; (Artigas) 7,150 gls, Manchester; 168 gls, Dublin; (British Prince) 825 gls, Capetown; 880 gls, Lourenco Marques; 940 gls, Beira; (Ingria) 5,106 gls, Lisbon; 550 gls, Benguela; 1,925 gls, Loanda; 412 gls, Casablanca; 4,550 gls, Oran; 825 gls, Algiers; 1,008 gls, Marseilles; 2,200 gls, Saigon; 825 gls, City of Derby, Hongkong; (Exchange) 1,820 gls, Casablanca; 4,950 gls, Tunis; 330 gls, Piraeus; 1,210 gls, Oriente, Havana; (Yomachichi) 19,300 gls, Brisbane; 30,870 gls, Sydney; 17,050 gls, Melbourne; 1,925 gls, Adelaide; 20,845 gls, Fremantle; 5,964 lbs, Cameronia, Glasgow; (City of Elwood) 7,700 gls, Bombay; 6,050 lbs, Madras; 3,355 gls, Rangoon; (Kinai) 16,225 gls, Yokohama; 23,025 gls, Osaka; 109,285 gls, Kobe; 1,925 gls, Ponce; (Buenos Aires) 825 gls, Rio de Janeiro; 3,740 gls, Montevideo; 2,106,762 gls, Voco, Hamburg; (Gunvor) 2,695 gls, Point Pitre; 630 gls, Martinique; 3,500 gls, Georgetown; (Santa Paula) 10,210 gls, Barranquilla; 3,850 gls, Porto Cabello; 10,340 gls, La Rosa; 45,815 gls, Oriente, Havana; (Laila) 2,970 gls, Callao; 5,775 gls, Iquique; 4,125 gls, Antofagasta; 39,765 gls, Valparaiso; 4,730 gls, Coquimbo; 2,620 gls, Puntarenas; 25,685 gls, Talcahuano; (Fernhill) 2,231 gls, Lisbon; 825 gls, Alexandria; 1,325 gls, Black Heron, Antwerp; (Washington) 2,865 gls, Hamburg; 5,722 gls, Havre; (Hektor) 2,750 gls, Rio de Janeiro; 2,475 gls, Santos; (New Columbia) 2,750 gls, Teneriffe; 24,970 gls, Las Palmas; 220 gls, Bathurst; 880 gls, Freetown; 540 gls, Marshall; 825 gls, Grand Bassam; 550 gls, Port Bouet; 1,650 gls, Kumasi; 31,900 gls, Takoradi; 1,760 gls, Cape Coast; 825 gls, Saltpond; 550 gls, Ada, 9,670 gls, Accra; 1,100 gls, Lome; 5,720 gls, Lagos; 4,500 gls, Burutu; 3875 gls, Sapele; 2,355 gls, Port Harcourt; 250 gls, Calabar; (Helga) 1,100 gls, Callao; 7,325 gls, Mollendo; 3,300 gs, Iquique; 3,025 gls, Tocopilla; 12,980 gls, Coquimbo; 8,780 gls, Valparaiso; 1,290 gls, Corral; 2,045 gls, San Antonio; 36,615 gls, Talcahuano; (Temnaren) 12,450 gls, Gothenburg; 7,185 gls, Stockholm
OLEO — 59,229 lbs, Zaandam, Rotterdam; 9,486 lbs, Laconia, Liverpool; 44,149 lbs, Cameronia, Glasgow
PEPPERMINT—751 lbs, Bergensfjord, Oslo
PINE—2,370 lbs, Bergensfjord, Stavanger
SOYBEAN—1,473 lbs, Mormacport, Bergen
SULPHONATED—6,224 lbs, Yamachichi, Sydney
TEXTILE—10,895 lbs, Laconia, Liverpool
VALVE—2,970 gls, Havana, Vera Cruz
PAINT—4,495 lbs, Musa, Puntarenas; 920 lbs, Yomachichi, Sydney; 4,184 lbs, Ponce, San Juan; 6,138 lbs, Buenos Aires; Rio Janeiro; 5,156 lbs, Bergensfjord, Oslo; 3,162 lbs, Black Heron, Antwerp
PREPARED—41,142 lbs, Musa, Puntarenas
PARAFFIN—11,122 lbs, Zaandam, Amsterdam; (Musa) 67,800 lbs, Guayaquil; 56,500 lbs, Buenaventura; 10,684 lbs, Cutuco; 33,900 lbs, Jamaica, Barranquilla; 45,168 lbs, Laconia, Liverpool; 60,665 lbs, Cameronia, Glasgow; 617,245 lbs, Havana, Vera Cruz; 29,007 lbs, Bergensfjord, Oslo; 167,393 lbs, Black Heron, Antwerp; 71,086 lbs, Oriente, Havana; 72,487 lbs, Laila, Talcahuano; 10,101 lbs, Gunvor, Georgetown; 116,885 lbs, Santa Paula, Cartagena
SCALE—60,604 lbs, Zaandam, Amsterdam; 49,352 lbs, Artigas, Dublin; (Black Heron) 12,348 lbs, Antwerp; 48,382 lbs, Rotterdam; 500 tons, Gedania, Hamburg
PETROLATUM, MED—11,856 lbs, Temnaren, Stockholm
PETROLEUM, REFD—(Ponce) 5,000 gls, Ponce; 7,000 gls, Mayaguez; 2,000 gls, Aguadilla; 5,000 gls, Buenos Aires, Montevideo; 4,200 gls, New Columbia, Bathurst
POTASH BROMIDE—1,320 lbs, Temnaren, Gothenburg
PROPANE—1,950 lbs, Jamaica, Kingston
RESIN, SYNTH—16,594 lbs, Laconia, Liverpool; 2,564 lbs, Yomachichi, Sydney; 14,373 lbs, Washington, Havre
ROSIN—11,868 lbs, Laconia, Liverpool; 7,334 lbs, Temnaren, Norrkoping
RUBBER ACCELERATOR—8,120 lbs, Laconia, Liverpool
SILICON CARBIDE—2,140 lbs, Black Heron, Antwerp
SOAP—(Ponce) 6,174 lbs, San Juan; 25,870 lbs, Mayaguez; (Puerto Rico) 2,650 lbs, San Juan; 2,800 lbs, Mayaguez
LAUNDRY—13,750 lbs, Ponce, San Juan; 11,500 lbs, Gunvor, Paramaribo
TOILET—169,072 lbs, Zaandam, Amsterdam; 11,849 lbs, Ingria, Lourenco Marques
SODA ASH—7,512 lbs, City of Baghdad, Bombay; 19,128 lbs, Jamaica, Barranquilla; 436,512 lbs, City of Derby, Shanghai; 17,793 lbs, Laila, Guayaquil; 11,220 lbs, Helga, Guayaquil
BICARBONATE—4,708 lbs, Musa, Corinto; 15,615 lbs, Oriente, Havana; 21,020 lbs, Havana, Vera Cruz; 5,900 lbs, Coamo, San Juan
BROMIDE—655 lbs, Temnaren, Gothenburg
CAUSTIC—275,060 lbs, Havana, Vera Cruz; 65,772 lbs, Buenos Aires, Rio de Janeiro; (Puerto Rico) 4,220 lbs, San Juan; 14,340 lbs, Arecibo; 21,535 lbs, Laila, Buenaventura; 135,702 lbs, Hektor, Buenos Aires; 41,811 lbs, Helga, San Antonio
CYANIDE—11,310 lbs, Santa Paula, Cartagena; 14,850 lbs, Helga, Mollendo
PHOSPHATE TRI—22,300 lbs, Black Heron, Rotterdam
SILICATE—112,880 lbs, Oriente, Havana
SOLVENT—6,128 lbs, Buenos Aires, Buenos Aires
STARCH, CORN—(Artigas) 35,815 lbs, Manchester; 42,350 lbs, Glasgow; 35,250 lbs, City of Baghdad, Madras; 4,600 lbs, Cristobal, Panama; 1,410 lbs, Havana, Vera Cruz; (Ponce) 1,210 lbs, San Juan; 3,538 lbs, Jobos; 2,123 lbs, Mayaguez; 7,050 lbs, Bergensfjord, Bergen
WHEAT—9,665 lbs, Cameronia, Glasgow
SULPHUR—17,686 lbs, Santa Paula, Cartagena
TALC—44,800 lbs, Laconia, Liverpool; 90,412 lbs, Oriente, Havana; 22,440 lbs, Bergensfjord, Oslo
TANNING EXTRACT—(British Prince) 4,550 lbs, Capetown; 18,142 lbs, Port Elizabeth; 22,540 lbs, Durban
TETRAETHYL LEAD — (Yomachichi) 13,439 lbs, Sydney; 8,980 lbs, Melbourne; 3,588 lbs, Fremantle
TRIETHANOLAMINE—365 lbs, Black Heron, Rotterdam
TURPENTINE — 2,500 gls, Buenos Aires, Buenos Aires; 2,500 gls, Hektor, Buenos Aires
VARNISH — 1,662 lbs, Jamaica, Cartagena; 1,160 lbs, Laconia, Liverpool
WITCH HAZEL EXTRACT — (Yomachichi) 1,465 lbs, Melbourne; 486 lbs, Fremantle; 521 lbs, Ponce, Ponce
ZINC DUST—51,520 lbs, New Columbia, Takoradi
OXIDE—16,420 lbs, Laconia, Liverpool; 35,100 lbs, City of Elwood, Calcutta; 133,105 lbs, Hektor, Santos

Baltimore Exports

Clearance Dates

Augvald, April 21; Extavia, April 24; Haalegg, April 19; Kanangoora, April 19; Kyusyu, April 27; Manchester Brigade, April 24; Mathura, April 21; McKeesport, April 23; Mormacrey, April 22; San Simeon, April 21; Sarcoxie, April 19

ASPHALT, SOLID—252,847 lbs, McKeesport, Liverpool
BLUE, ULTRAMARINE—3,080 lbs, Kyusyu, Yokohama
CADMIUM LITHOPONE—2,352 lbs, Sarcoxie, London
CALCIUM ARSENATE—30,000 lbs, San Simeon, Peru
NITRATE—96,000 lbs, Haalegg, Windsor, N S
COLOR, DRY—100 lbs, Augvald, Rio Janeiro; 220 lbs, Mormacrey, Sao Paulo
COPRA CAKE—(Kanangoora) 447,817 lbs, Stockholm; 224,578 lbs, Norrkoeping
MEAL—672,000 lbs, Kanangoora, Oslo
CORNFLOUR—70,000 lbs, Manchester Brigade, Liverpool
FERTILIZER—104,000 lbs, Haalegg, Windsor N S
FIRECLAY—11 tons, Augvald, Buenos Aires
GREASE, LUBRIC—(Kanangoora) 6,294 lbs, Gothenburg; 811 lbs, Copenhagen; (San Simeon) 26,753 lbs, Chile; 3,481 lbs, El Salvador; 40,364 lbs, Manchester Brigade, Manchester
MOLASSES—5,500 gls, McKeesport, Dundalk, Ireland
OIL, LUBRIC—376 bbls, Mathura, London; 327 gls, San Simeon, Costa Rica; 473 bbls, Manchester Brigade, Liverpool
OYSTER SHELLS—40,000 lbs, Haalegg, Windsor, N S
PAINT—340 lbs, San Simeon, Panama
ENAMEL—273 lbs, San Simeon, Panama
PARAFFIN—52,775 lbs, Kanangoora, Oslo
POTASH BICHROMATE—11,200 lbs, Manchester Brigade, Manchester
PUTTY—1,400 lbs, Sarcoxie, London
RUTILE—2,240 lbs, McKeesport, Liverpool; 2,200 lbs, Kyusyu, Kobe
SAND, PREPARED—2,019 lbs, Sarcoxie, London
SESAME SEED—200 lbs, San Simeon, Panama
SODA, BICHROMATE—11,023 lbs, Kanangoora, Abo; 67,200 lbs, Manchester Brigade, Manchester
NITRATE—180,000 lbs, Haalegg, Windsor, N S
STARCH—68,200 lbs, Kanangoora, Gothenburg
CORN—62,260 lbs, McKeesport, Dublin
SUPERPHOSPHATE — 4,998,880 lbs, Haalegg, Windsor, N S
VARNISH—92 lbs, San Simeon, Panama
WITCH HAZEL LEAVES—4,094 lbs, Extavia, Marseilles

Boston Exports

Clearance Dates

Bilderdijk, April 24; Birmania, April 22; Black Eagle, April 24; City of Glasgow, April 28; Eskbank, April 21; Evangeline, April 24, 26; Lady Hawkins, April 22; Metapan, April 21; Samaria, April 22; Sarcoxie, April 24; Scanyork, April 28; Schodack, April 21; Shanaliam, April 27

ACID, BORIC—1 kg, 75 lbs, Evangeline, Charlottetown, P E I
SULPHURIC—30 crbys, 5,400 lbs, Metapan, Havana
ALUMINA, OXIDE—3,100 bgs, 31 kgs, 320,100 lbs, Schodack, La Courneuve
SULPHATE—100 bgs, 20,000 lbs, Metapan, Havana
100 tons, Shanaliam, Brooklyn, N S
ASBESTOS, FIBER — 5,440 bgs, Birmania, Trieste
BRISTLES—12 cs, 1,408 lbs, Evangeline, St John, N B
CEMENT, CAN—8 dms, 424 gls, Samaria, Capetown
RUBBER—9 dms, 195 gls, Metapan, Panama
CHEMICALS — 18 dms, 666 lbs, Schodack, Havre
CLAY—154 bbls, 39 tons, Schodack, La Courneuve
CLEANER—5 crts, 360 lbs, Metapan, Havana
COLOR—1 dm, 30 gls, Metapan, Havana
DEXTRIN—30 bgs, 6,000 lbs, Metapan, Havana
DISINFECTANT—2 dms, 110 gls, Metapan, Port Limon
DRESSING, LEATHER—1 dm, 1 bx, 1 cn, 293 lbs, Black Eagle, Oisterwijk, Holland; 2 dms, 756 lbs, Sarcoxie, Leicester; 7 dms, 19 bxs, 614 lbs, Scanyork, Helsingborg
SHOE—2 cs, 1 crtn, 172 lbs, Samaria, Capetown; 55 cs, 2 bbls, 1 kg, 3,476 lbs, Metapan, Havana
DRUGS—2 pkgs, 120 lbs, Evangeline, Halifax
FLUX—6 dms, 810 lbs, Schodack, Havre; 50 bbls, 6,750 lbs, Sarcoxie, London; 24 dms, 3,240 lbs, Black Eagle, Rotterdam
GLAUBER'S SALT—100 kgs, 100 bbls, 40,000 lbs, Metapan, Havana
GLUE—16 cs, 822 lbs, Schodack, Paris; 1 cs, 209 lbs, Sarcoxie, London
GREASE, LUBRIC—24 dms, 3 bbls, 3,440 lbs, Samaria, Liverpool; 1 cs, 12 lbs, Black Eagle, Roubaix
INK, WRITING—(Metapan) 100 cs, 4,150 lbs, Cristobal; 14 cs, 281 lbs, Havana; 1 crtn, 30 lbs, Evangeline, St John, N B
INSECTICIDE—1 dm, 92 lbs, Metapan, Havana
LACQUER—5 bxs, 27 gls, Black Eagle, Oisterwijk
LEATHER, SCRAP—492 bls, 297,169 lbs, Schodack, Havre
LIGNIN LIQUOR—1 dm, 38 lbs, Schodack, Havre
LINING COMP—108 dms, 5,004 gls, Schodack, Havre; (Black Eagle) 27 dms, 711 gls, Antwerp; 30 dms, 990 gls, Rotterdam; (Sarcoxie) 100 dms, 500 gls, Hamburg; 145 dms, 1,685 gls, Odense; 2 dms, 106 gls, Copenhagen
LUBRICANT—7 dms, 266 lbs, Sarcoxie, London
MEDICINAL PREPS—1 cs, 3 lbs, Lady Hawkins, Hamilton; 2 cs, 171 lbs, Metapan, Havana; 630 bxs, 3,150 gls, Sarcoxie, London
MOLASSES—50 bbls, 2,750 gls, Bilderdijk, Amsterdam; (Scanyork) 150 bbls, 8,250 gls, Copenhagen; 10 bbls, 550 gls, Helsingfors
MUCILAGE—7 crtns, 150 lbs, Metapan, Havana
OIL, CASTOR, SULPHON—69 bbls, 33,345 lbs, Bilderdijk, Rotterdam
LUBRICATING — 2 cs, 50 gls, Samaria, Liverpool; 3 dms, 165 gls, Evangeline, Yarmouth; 24 dms, 1,350 gls, Sarcoxie, London
RAYON—5 dms, 2,045 lbs, Schodack, Calais; 102 dms, 5,578 gls, Samaria, Liverpool
SPEARMINT — 4 dms, 1,604 lbs, Sarcoxie, North Wembley
PARAFFIN—6 dms, 2,520 lbs, Scanyork, Norrkoping
PASTE, ADHES—50 dms, 1,740 lbs, Schodack, Havre; 60 dms, 3,165 lbs, Sarcoxie, London
LIBRARY—9 crtns, 243 lbs, Metapan, Havana
PHENOL—125 dms, 56,250 lbs, Black Eagle, Helsingborg
POLISH, SHOE—110 crtns, 950 lbs, Lady Hawkins, Port of Spain; (Metapan) 30 crtns, 280 lbs, Panama; 8 cs, 584 lbs, Port Limon; 35 cs, 1,412 lbs, Havana
STOVE—58 cs, 2,157 lbs, Evangeline, St John, N B
ROSIN, POWD—1 dm, 100 lbs, Evangeline, St John, N B
SOAP, FLAKE—40 cs, 1,001 lbs, Eskbank, Manila; 40 cs, 1,337 lbs, Metapan, Havana
POWDER—20 cs, 743 lbs, Metapan, Havana
TAR—800 cs, 25,625 lbs, Eskbank, Maersk
TOILET—1,600 cs, 42,500 lbs, Eskbank, Manila; 1 cs, 19 lbs, Metapan, Havana; 1 cs, 120 lbs, Sarcoxie, Hamburg
SODA SULPHATE — 100 bbls, and 100 kgs, 40,000 lbs, Metapan, Havana
SULPHUR FLOUR—400 bgs, 40,000 lbs, Evangeline, Aylesford, N S
TALLOW—1 ck, 500 lbs, City of Glasgow, Montreal
TOILET PREPS—10 cs, 1,682 lbs, Metapan, Panama City
WATERPROOFING COMP—30 dms, 1,650 lbs, Evangeline, St John, N B
WATER PURIFIER — 1 bx, 76 lbs, Black Eagle, Cadiz
WAX, FLOOR—1 cs, 100 lbs, Evangeline, Charlottetown; 5 dms, 2,110 lbs, Sarcoxie, Helsingfors

Corpus Christi Exports

Clearance Dates

Dorcasia, April 1; Hoegh Giant, April 17; Lorraine, April 19; Peik, April 18; Teresa Odero, April 20

GASOLINE—6,406 bbls, Lorraine, Havre
OIL, FUEL—82,813 bbls, Dorcasia, Lands End; 68,710 bbls, Teresa Odero, Italian ports
GAS—13,236 bbls, Hoegh Giant, Gothenburg
PETROLEUM, CRUDE — 41,305 bbls, Peik, Hamburg; 103,915 bbls, Lorraine, Havre

Galveston Exports

Clearance Dates

Alioth, April 25; Emile Miguet, April 23; Kimikawa, April 24; George W McKnight,

MAY 1939 XUM

April 23; Lagaholm, April 24; Ranja, April 20; Trafalgar, April 19; Virgilia, April 23

BLACK, CARBON—70 cs, Trafalgar, Gdynia; (Kimikawa) 9 tons, Yokohama; 10 tons, Kobe; 18 tons, Moji
GASOLINE—2,750 tons, Ranja, London; (Virgilia) 4,150 tons, Liverpool; 3,500 tons, Preston
PETROLEUM, CRUDE—2,161 tons, Emile Miguet, Havre; 125,000 bbls, Geo W McKnight Campania
POTASH MURIATE—1,201 tons, Trafalgar, Gdynia
SULPHUR—(Trafalgar) 5 tons, Gothenburg; 30 tons, Copenhagen; (Lagaholm) 1,000 tons, Sundsvall; 200 tons, Stockholm; (Alioth) 25 tons, Havre; 500 tons, Dunkirk; 500 tons, Rouen

Houston Exports

Clearance Dates

Delsud, April 20; Dakarian, April 19; Kimikawa, April 22; Meanticut, April 25; Emile Miguet, April 20; Oilreliance, April 25; Petrofina, April 20; Regent Lion, April 24; Rigmor, April 20; Spaarndam, April 24; Storanger, April 22; W R Lundgren, April 24

BLACK, CARBON—(Dakarian) 26,934 pkgs, Liverpool; 6,275 pkgs, Manchester; (Delsud) 6 cs, 544 bgs, Rio de Janeiro; 2,700 bgs, 12 cs, Santos; 607 bgs, Buenos Aires; (Kimikawa) 150 tons, Yokohama; 75 tons, Kobe; (Spaarndam) 433 tons, London; 50 tons, Rotterdam; (Meanticut) 811 cs, 9,300 bgs, 75 ctns, Havre; 225 cs, 900 bgs, Antwerp; 50 cs, 534 bgs, Rotterdam; 50 tons, Bilbao
BUTANE—600 tons, Oilreliance, Lisbon
GASOLINE—1,000 tons, Emile Miguet, Havre; 13,800 tons, Storanger, Teneriffe; 7,250 tons, W R Lundgren, Lisbon; 55,640 bbls, Regent Lion, Coryton-River Thames-Avonmouth; 3,000 tons, Oilreliance, Lisbon
STABILIZED—800 tons, Petrofina, Dunkirk
KEROSENE — 9,000 tons, Rigmor, United Kingdom; 2,000 tons, Oilreliance, Lisbon
OIL, GAS—3,000 tons, Oilreliance, Lisbon
LUBRICATING—(Delsud) 75 dms, Rio de Janeiro; 170 dms, Santos
TREATING COMP—5 dms, Delsud, Buenos Aires
PETROLEUM, CRUDE—18,000 tons, Emile Miguet, Havre; 13,700 tons, Petrofina, Dunkirk
SOAPSTOCK—82 bbls, Spaarndam, London
SULPHUR—(Delsud) 155 tons, Rio de Janeiro; 11 tons, Santos

Lake Charles Exports

Clearance Dates

Cardonia, April 16; Leiesten, April 19; Margaret Lykes, April 16; Meanticut, April 19

OIL, PINE—1,395 gls, Meanticut, Havre
PETROLEUM, CRUDE—66,448 bbls, Leiesten, Donges
ROSIN—(Margaret Lykes)—60 dms, Cartagena; 60 dms, Buenaventura; 10 dms, Pimentel
SALT—(Cardonia) 100 ctns, Arecibo; 100 ctns, Mayaguez; 100 ctns, 100 bgs, Ponce

Los Angeles Exports

Clearance Dates

Albertolite, April 19; Athos, April 18; Bahrein, April 20; City of Baltimore, April 17; Dagmar Salen, April 17; Dardanus, April 18; Erimo, April 20; Granville, April 14; Ida Bakke, April 22; Laura Maersk, April 14; Leikanger, April 19; Oil Pioneer, April 22; Omurosan, April 19; San Clemente, April 19; Seattle, April 17; Tai Shan, April 19; Valparaiso, April 15

ACETONE—5 dms, 1,790 lbs, Granville, Manila; (Valparaiso) 100 dms, 35,800 lbs, Stockholm; 15 dms, 5,370 lbs, Copenhagen; 6 dms, 2,150 lbs, Helsingfors; 50 dms, 17,900 lbs, Leikanger, Buenos Aires
ACID, BORIC—800 bgs, 89,200 lbs, Ida Bakke, Manchester
ALCOHOL, ISOPROPYL—5 dms, 1,790 lbs, Valparaiso, Stockholm
BITUMEN—9 bgs, 2,040 lbs, Laura Maersk, Hongkong
BORATE—1,646 bgs, 269,390 lbs, Dagmar Salen, Osaka
BORAX—300 bgs, 33,600 lbs, Dardanus, Hongkong; 4,000 bgs, 448,000 lbs, Valparaiso, London; 4,320 bgs, 504,000 lbs, Ida Bakke, Manchester
CALCIUM, LINOLEATE—490 lbs, Laura Maersk, Hongkong
CHEMICALS—130 lbs, Granville, Manila
CLAY, FILTER — 8,000 lbs, Dardanus, Manila
GROUND—2,400 sks, 120,000 lbs, Valparaiso, Karlshamn
COLOR, DRY—800 lbs, Laura Maersk, Hongkong; 530 lbs, Leikanger, Buenos Aires
COTTONSEED MEAL—500 bgs, 49,280 lbs, Kingsley, Vancouver
DIATOMACEOUS EARTH—(Laura Maersk) 70 bgs, 7,000 lbs, Manila; 22 bgs, 2,260 lbs, Yokohama; (Valparaiso) 456 pkgs, 45,000 lbs, London; 270 bgs, 26,520 lbs, Helsingfors; 160 bgs, 16,000 lbs, Tai Shan, Manila; (Ida Bakke) 90 bgs, 9,230 lbs, Manchester; 1,142 bgs, 114,200 lbs, Glasgow; 1,000 bgs, 100,000 lbs, City of Baltimore, Havana
DISTILLATE—(Dagmar Salen) 110 dms, 38,920 lbs, Hongkong; 350 dms, 124,080 lbs, Shanghai
ETHYL KETONE—30 dms, 10,980 lbs, Valparaiso, Helsingfors
GASOLINE—1,000 cs, 100 dms, 112,890 lbs, Granville, Manila; 8,527 bbls, 2,225,550 lbs, Athos, Yokohama; 75,986 bbls, 19,832,350 lbs, Bahrein, Havre
AVIATION—200 dms, 66,560 lbs, Bahrein, Paris
INSECTICIDE, LIQ—980 lbs, Laura Maersk, Manila
KEROSENE—3,000 cs, 255,000 lbs, Granville, Manila
DISTILLATE—3,365 bbls, 948,930 lbs, Granville, Hongkong; 2,964 bbls, 759,240 lbs, Dardanus, Hongkong
LACQUER—980 lbs, Leikanger, Buenos Aires
SOLVENT—130 lbs, Leikanger, Buenos Aires
LITHARGE—600 lbs, Laura Maersk, Hongkong
MANGANESE DIOXIDE — 1,880 lbs, Laura Maersk, Hongkong
METHYL CHLORIDE—4 dms, 280 lbs, Tai Shan, Manila
OIL, COCONUT—970 lbs, Kingsley, Calgary
DIESEL—2,628 bbls, 819,940 lbs, Granville, Manila; 38,047 bbls, 11,870,660 lbs, San Clemente, Moji; 43,426 bbls, 13,548,910 lbs, Omurosan, Osaka
FUEL—756 bbls, 251,750 lbs, Laura Maersk, Shanghai; 53,576 bbls, 17,840,810 lbs, Erimo, Japan; 32,555 bbls, 10,840,820 lbs, San Clemente, Moji; 29,288 bbls, 9,752,900 lbs, Omurosan, Osaka; 7,470 bbls, 2,487,510 lbs, Kingsley, Vancouver
OIL, GAS—62,790 bbls, 18,962,580 lbs, Oil Pioneer, Land's End
LUBRICATING—1,350 pls, 59,750 lbs, Granville, Singapore; 11 cs, 480 lbs, City of Baltimore, Balboa
MOTOR — 30 cs, 3 dms, 2,850 lbs, Tai Shan, Manila
PETROLEUM, CRUDE—65,739 bbls, 20,510,570 lbs, Albertolite, Vancouver; 77,791 bbls, 24,270,790 lbs, Athos, Yokohama
POTASH, MURIATE—5,000 bgs, 1,102,080 lbs, Dagmar Salen, Yokohama
PUTTY—930 lbs, Leikanger, Buenos Aires
SILICATE—600 bgs, 66,140 lbs, Leikanger, Buenos Aires
SODA ASH—300 bgs, 30,000 lbs, Kingsley, Powell River
TALC—(Valparaiso) 50 bgs, 11,200 lbs, Barranquilla; 192 sks, 20,160 lbs, Cartegena
TITANIUM, OXIDE—2,500 lbs, Laura Maersk, Hongkong
TOILET PREPS—760 lbs, Seattle, Sofia
WAX, STEARIN—3,000 bgs, 300,000 lbs, Granville, Manila; 2,000 bgs, 200,000 lbs, Tai Shan, Manila

New Orleans Exports

Clearance Dates

Burgerdijk, April 14; Cadmus, April 19; Lago, April 8; Maddalena Odero, April 15; Patrick Henry, April 17; Santa Marta, April 11; Tegucigalpa, April 5; Toloa, April 1; Wawa, April 10; West Cohas, April 18

ACETONE—(Patrick Henry) 54 tons, Havre; 18 tons, Rotterdam
ALUMINA SULPHATE—5,125 sx, Toloa, Cristobal
ASPHALT—51 tons, Toloa, Guayaquil; 15 tons, West Cohas, Manchester; (Cadmus) 26 tons, Santiago; 35 tons, Kingston; 95 tons, Santa Marta, Belize; 7 tons, Patrick Henry, Antwerp
GILSONITE—314 sx, Maddalena Odero, Genoa
BAKING POWDER—1 ton, Santa Marta, Belize
BLACK CARBON—20 cs, Maddalena Odero, Genoa; (Burgerdijk) 31 tons, London; 10 tons, Antwerp; 5 tons, Rotterdam; (West Cohas) 1 ton, Liverpool; 42 tons, Liverpool-Manchester; 60 tons, Manchester; (Patrick Henry) 88 tons, Havre; 106 tons, Antwerp
CALCIUM ARSENATE—150 dms, Toloa, Callao
CLAY—600 sx, Maddalena Odero, Marseilles
COMMON—135 tons, West Cohas, Liverpool
GROUND—135 tons, Burgerdijk, London
CHEMICALS—29 tons, West Cohas, Liverpool
CORN SUGAR—100 tons, West Cohas, Manchester
COTTONSEED HULL SHAVING PULP—123 tons, Burgerdijk, Antwerp; 49 tons, Patrick Henry, Havre
FIRECLAY—1 ton, Toloa, Buenaventura
GASOLINE—(Wawa) 289 tons, Puerto Cabezas; 67 tons, Ceiba; (Cadmus) 700 dms, 200 cs, Santiago; 400 bbls, 800 cs, Puerto Barrios; 200 bbls, 200 cs, 10 dms, Puerto Cortez; 500 dms, Tela
GLUCOSE—20 tons, Burgerdijk, London; 20 tons, West Cohas, Liverpool
GREASE, LUBRIC—(Patrick Henry) 10 tons, Havre; 6 tons, Antwerp
KEROSENE—(Cadmus) 60 cs, Livingston; 50 cs, Puerto Cortez
LARD—(Toloa) 325 dms, Havana; 100 tins, Callao; 1,000 tins, Buenaventura; 70 tins, 400 dms, Cadmus, Santiago; (Santa Marta) 200 tins, Puerto Barrios; 250 tins, Belize
OIL, COTTONSEED—23 tons, Toloa, Cristobal
DIESEL—(Wawa) 70 tons, Puerto Cabezas; 25 tons, Ceiba; 225 dms, Cadmus, Santiago
LUBRICATING—(Maddalena Odero) 63 cs, Oran; 166 bbls, Marseilles; 40 tons, Lago, Maracaibo; 6 tons, Gundersen, Puerto Mexico; 38 tons, West Cohas, Liverpool; (Patrick Henry) 12 tons, Havre; 1 ton, Rotterdam; 35 dms, Cadmus, Santiago
REFINED—2 tons, Toloa, Acajutla; (Cadmus) 50 dms, 50 bbls, 200 cs, Santiago; 1,500 cs, Puerto Barrios; 250 ctns, 50 cs, Puerto Cortez
PARAFFIN—138 tons, Tegucigalpa, Vera Cruz; 211 sx, Maddalena Odero, Genoa; 8 tons, Patrick Henry, Rotterdam; 10 tons, Santa Marta, Puerto Cortez
PINETAR—7 dms, Maddalena Odero, Genoa; 1 ton, Santa Marta, Belize
PITCH, COTTONSEED—34 tons, West Cohas, Liverpool
ROSIN—49 dms, Maddalena Odero, Genoa; 180 tons, Burgerdijk, London; (Toloa) 27 tons, Puerto Limon; 37 tons, Puerto Colombia; 7 tons, Panama; 125 dms, Buenaventura; 6 tons, Cadmus, Santiago
SALT—(Toloa) 75 tons, Havana; 41 tons, Cristobal; 1 ton, Puerto Limon; 27 tons, Cadmus, Santiago; 1 ton, Santa Marta, Belize
SHRIMP BRAN—4 tons, Toloa, Panama
SOYBEAN MEAL—202 tons, Burgerdijk, Antwerp; 397 tons, Patrick Henry, Antwerp
STARCH, CORN—28 tons, Burgerdijk, London; 831 tons, West Cohas, Manchester
SULPHUR—18 tons, Tegucigalpa, Vera Cruz; 2,900 tons, West Cohas, Manchester
TANNING EXTRACT—20 tons, Tegucigalpa, Vera Cruz
TURPENTINE—5 tons, Burgerdijk, London; 55 dms, 50 cs, Toloa, Havana; 5 tons, West Cohas, Liverpool

Norfolk Exports

Clearance Dates

Deebank, April 21; Sarcoxie, April 21

ACETONE, ACETONYL—1 cs, Sarcoxie, London
ALCOHOL, BUTYL—50 dms, Sarcoxie, London
BUTYL ACETATE—160 dms, Sarcoxie, London
CARBITOL—70 dms, Sarcoxie, London
BUTYL—25 dms, Sarcoxie, London
BUTYL ACETATE—1 dm, Sarcoxie, London
COTTONSEED HULL SHAVINGS, PULP — 1,592 bls, Sarcoxie, Hamburg
DEXTRIN—600 bgs, 85,200 lbs, Deebank, Bombay
DICHLORMETHANE — 20 dms, 12,952 lbs, Sarcoxie, London
DIETHANOLAMINE—2 dms, Sarcoxie, London
DIETHYLENEGLYCOL — 20 dms, Sarcoxie, London
DIMETHYL PHTHALATE—1 dm, Sarcoxie, London
DIOXAN—1 dm, Sarcoxie, London
ETHYLENEGLYCOL MONOBUTYLETHER — 25 dms, Sarcoxie, London
MONOETHYLETHER — 200 dms, Sarcoxie, London
MONOMETHYLETHER—10 dms, Sarcoxie, London
MONOETHYLETHER ACETATE — 10 dms, Sarcoxie, London
MEDICINAL PREPS—25 pkgs, 1,700 lbs, Sarcoxie, London
MICA, PULV—100 bgs, 10,200 lbs, Sarcoxie, Hamburg
PROPYLENEGLYCOL—5 dms, Sarcoxie, London
SODA NITRATE—200 bgs, 19 tons, Deebank, Bombay
TEXTILE AGENT—2 dms, Sarcoxie, London
TRIETHANOLAMINE—20 dms, Sarcoxie, London
WITCH HAZEL BARK—9 bls, 2,143 lbs, Sarcoxie, London

Philadelphia Exports

Clearance Dates

Australind, April 26; Black Tern, April 21; Deebank, April 25; Exminster, April 26; Extavia, April 22; Gran, April 29; Mathura, April 26; McKeesport, April 28; Mormacrey, April 26; Mormacsun, April 26; Noordam, April 26; San Vincente, April 25; Schodack, April 24; Terukawa, April 28

ALCOHOL, BUTYL—30 dms, Australind, Sydney
ETHYL—371 dms, San Vincente, Cristobal
ALUMINA SULPHATE—200 bgs, San Vincente, Buenaventura
AMMONIA, ANHYD—(Deebank) 30 cyls, Karachi; 10 cyls, Calcutta
ASPHALT—6 dms, Debank, Sydney
BENZOL—2 dms, Mormacrey, Buenos Aires
BLACK, BONE—13 bgs, Weebank, Bombay; (Mormacsun) 94 bgs, Gothenburg; 42 bgs, Stockholm
BRAKE FLUID—1 dm, Black Tern, Antwerp
CEMENT, FURNACE—12 bbls, Mormacsun, Gothenburg
CHEMICALS—2 pkgs, Black Tern, Rotterdam; 2 pkgs, Schodack, Havre; 1 bx, Australind, Sydney
CLEANER—10 dms, Mormacsun, Copenhagen
COALTAR INTERMEDIATES—29 dms, 3 bxs, Mormacsun, Gothenburg
COCOA CAKE—1,280 pkgs, Noordam, Amsterdam
COLLODION COTTON—305 bbls, Mathira, London
COPPER OXIDE—15 dms, San Vincente, Cristobal
CYANIDE, CRUDE—4 dms, Australind, Sydney; 1 dm, Deebank, Colombo
DYEWOOD EXTRACT—15 pkgs, McKeesport, Liverpool
ETHYL, ACETATE—6 dms, Australind, Sydney
FLUID—8 dms, Black Tern, Rotterdam; 12 dms, Exminster, Ploesti; 321 dms, Mathura, London
ETHYLCELLULOSE—6 pkgs, Noordam, Rotterdam
FILTER SAND—270 pkgs, Mormacrey, Buenos Aires
FIRE EXTINGUISHING COMP—(Australind) 40 dms, Sydney; 40 dms, Melbourne
GLASS, WINDOW—59 cs, San Vincente, Cristobal
GLUCOSE—17 pkgs, Black Tern, Antwerp
GREASE, LUBRIC—15 pkgs, Black Tern, Antwerp; 40 pkgs, Schodack, Havre; (San Vincente) 2 cs, Panama; 40 dms, Lima; 5 dms, Barranquilla; 20 dms, 8 cs, Guayaquilla; 22 dms, 2 cs, Valparaiso; 40 bbls, Terukawa, Osaka; 32 pkgs, Noordam, Rotterdam; (Australind) 5 dms, 1 bbl, 6 cs, Sydney; 2 dms, 6 cs, Melbourne; 20 dms, 20 cs, 100 pls, Fremantle; 4 kegs, Deebank, Bombay; (Mormacrey) 10 bls, Rio de Janeiro; 5 cs, Santos; (Mormacsun) 4 dms, 3 bbls, Gothenburg; 5 bbls, Stockholm; 25 dms, Mathura, London
GUM, SYNTH—2 dms, 1 cs, Australind, Melbourne
INSECTICIDE—220 pkgs, Noordam, Amsterdam; 7 dms, Australind, Melbourne; 5 cs, Gran, Funchal
LICORICE, EXTRACT—100 dms, Mathura, London
PASTE—(Black Tern) 570 pkgs, Rotterdam; 35 pkgs, Antwerp; (Australind) 5 cs, Sydney; 9 cs, Fremantle; 248 cs, Mormacsun, Copenhagen; 50 cs, Mathura, London
LINSEED CAKE—2,321 pkgs, Black Tern, Antwerp; 3,380 bgs, Schodack, Havre/Dunkirk; 2,853 pkgs, McKeesport, Liverpool
MANGANESE ORE, CONC—8 bbls, Deebank, Bombay
MEDICINAL PREPS—10 ctns, San Vincente, Panama; keg, 2 cs, Australind, Sydney
MICA—9 cs, Mormacrey, Buenos Aires
MINERALS—42 pkgs, Schodack, Havre
MINERAL SPTS—5 dms, San Vincente, Valparaiso
OIL, CAMPHOR—12 pkgs, McKeesport, Liverpool
COALTAR—5 pkgs, Schodack, Havre
ILLUMINATING—(Australind) 10 dms, Adelaide; 5 dms, Fremantle
LUBRICATING—(Extavia) 10 dms, Casablanca; 15 dms, Tangier; 60 dms, 30 pls, Oran; 20 dms, Algiers; 20 dms, Bone; 275 pkgs, Black Tern, Antwerp; (Schodack) 753 pkgs, Havre; 30 pkgs, Dunkirk; (Exminster) 69 dms, 40 cs, Piraeus; 164 dms, 85 cs, Thessaloniki; (San Vincente) 10 dms, Cristobal; 14 dms, 16 cs, Panama; 110 cs, 380 dms, Lima; 17 dms, San Jose; 35 dms, Barranquilla; 56 dms, 29 cs, Guayaquil; 322 dms, Valparaiso; (Terukawa) 2,400 dms, Kobe; 1,490 dms, Yokohama; 62 pkgs, Noordam, Rotterdam; (Australind) 511 dms, 6 cs, Brisbane; 1,543 dms, Sydney; 5 bbls, 401 dms, Melbourne; 762 dms, Adelaide; (Deebank) 70 dms, Suez; 558 dms, 2,145 cs, Karachi; 2,044 dms, 1 crate, 2 bxs, Bombay; 160 dms, 190 cs, Colombo; 340 dms, 30 cs, Madras; 23 dms, Pondicherry; 266 dms, 50 pls, 807 cs, Rangoon; 1,116 dms, 140 pls, 398 cs, Calcutta; (Mormacrey) 250 dms, 5 cs, Rio de Janeiro; 250 dms, 20 cs, Santos; 395 cs, 280 dms, Montevideo; 75 dms, Buenos Aires; (McKeesport) 70 pkgs, Manchester; 15 pkgs, Liverpool; (Mormacsun) 168 dms, 2 cs, 2 kgs, 200 ctns, Gothenburg; 225 bbls, 25 dms, Copenhagen; 105 bbls, 113 dms, 5 cs, Gdynia; 117 dms, Stockholm; 987 pkgs, 28 cs, 10 dms, Helsingfors; 65 dms, 30 bbls, 86 cs, 2 bxs, Mathura, London; (Gran) 58 pkgs, Leixoes; 350 bbls, 5 dms, 232 cs, Lisbon; 1 cs, Funchal; 20 pkgs, Mossamedes; 57 pkgs, Benguela; 42 pkgs, Loanda; 12 pkgs, Tangier; 17 dms, Casablanca; 57 pkgs, Gibraltar; 17 pkgs, Marseilles; 41 pkgs, Oudja
NEATSFOOT—5 pkgs, McKeesport, Manchester; 12 bbls, Gran, Marseilles
TRANSFORMER—(Deebank) 50 dms, Karachi; 5 dms, 15 cs, Bombay; 35 dms, 10 cs, Calcutta
PAINT—3 pkgs, McKeesport, Liverpool; 140 kits, 58 ctns, Gran, Lisbon
PASTE—1 ctn, Gran, Lisbon
PRIMER—12 kits, Gran, Lisbon
THINNER—1 dm, Gran, Lisbon
PARAFFIN—(Black Tern) 168 pkgs, Rotterdam; 934 pkgs, Antwerp; 45 pkgs, McKeesport, Glasgow; (Mormacsun) 198 bbls, Gothenburg; 210 bbls, Stockholm
REFINED—45 bgs, Mormacsun, Gothenburg; 200 bgs, Gran, Oporto
SEMI-REFINED — 510 bgs, Mormacrey, Buenos Aires
PASTE—153 pkgs, Black Tern, Antwerp
PETROLATUM—71 dms, Deebank, Rangoon
PHENOL—7 pkgs, McKeesport, Manchester
POLISH—2 cs, Mormacsun, Helsingfors
RESIN—1 pkg, Black Tern, Rotterdam
COALTAR—22 pkgs, Schodack, Havre; 9 dms, Mormacsun, Gothenburg; 23 dms, Mathura, London
RUTILE—125 dms, Mormacsun, Gothenburg
SOAP POWDER—2 pkgs, McKeesport, Manchester
SODA, ASH—1 dm, Australind, Melbourne; 4 dms, Deebank, Bombay; 800 bgs, Mormacrey, Rio de Janeiro
SODA CYANIDE—3 dms, 3 bxs, Mormacsun, Gothenburg
SILICATE—10 dms, San Vincente, Oruro
SOLVENT—2 dms, Mormacrey, Buenos Aires
STEARIN—6 pkgs, Black Tern, Rotterdam
TANNERS' BATE—5 bbls, San Vincente, Santiago
TANNING EXTRACT—(Australind) 7 bbls, Brisbane; 16 bbls, 2 dms, Sydney; 6 dms, Melbourne; 12 pkgs, McKeesport, Belfast
TETRAETHYL LEAD—(Australind) 6 dms, Brisbane; 75 dms, Sydney; 10 dms, Melbourne; 3 dms, Adelaide; 4 dms, Fremantle
TOLUOL—32 dms, Mormacrey, Buenos Aires
VARNISH—1 ctn, 14 kits, Gran, Lisbon
WAX, MINERAL—28 pkgs, Schodack, Havre
XYLOL—50 dms, Mormacrey, Montevideo

Port Arthur Exports

Clearance Dates

Cleopatra, April 20; Derrymore, April 22; Ferm, April 21; Garonne, April 24; Husvik, April 20; Magister, April 18; Meline, April 16; Naumburg, April 22; Regent Lion, April 21; Regent Panther, April 24; Salabangka, April 21; Silverfir, April 18; South America, April 22

ASPHALT—3 dms, 10 cs, Magister, Kingston; (Naumberg) 89 dms, Auckland; 300 dms, Lyttelton; 75 dms, Dunedin; 355 dms, South America, Antwerp
LIQUID—8 bxs, Magister, Kingston
PETROLEUM—(Silverfir) 4 bxs, Karachi; 200 dms, Bombay; 1 bx, 5 ctns, 831 dms, Madras; 8 bxs, 568 dms, Calcutta; 1,265 dms, Salabangka, Lourenco Marques
SOLID—300 dms, Derrymore, Hongkong
GASOLINE—(Silverfir) 15,000 cs, 9,996 dms, 2,500 bbls, Jeddah; 1,000 dms, Djibouti; 187 dms, Magister, Puerto Limon; 31,211 bbls, South America, Antwerp; 84,969 bbls, Garonne, Bilbao-Pasages; 113,075 bbls, Regent Panther, Valencia-Barcelona
AVIATION—(Magister) 1,800 dms, San Jose; 400 bbls, 1,000 dms, Barranquilla; 1,000 bbls, Cristobal; 150 bbls, Buenaventura; 150 bbls, La Libertad; 344 bbls, Kingston; (Husvik) 800 bbls, Antilla; 675 dms, Santiago de Cuba; 456 bbls, Kingston; 750 dms, Corinto
GREASE, LUBRIC—12 bbls, 2 hlf bbls, 104 dms, Meline, Bordeaux; (Silverfir) 6 cs, Aden; 11 dms, 67 cs, 30 crts, 15 ctns, Karachi; 152 dms, 350 cs, 28 ctns, Bombay; 30 dms, 370 cs, 10 crts, Madras; 85 dms, 15 crts, 10 ctns, 95 cs, Calcutta; (Magister) 292 dms, 16 cs, Barranquilla; 10 cs, Cristobal; 40 cs, Buenaventura; 283 dms, 360 cs, Kingston; 100 dms, 25 cs, Husvik, Kingston; (Salabangka) 120 dms, 80 ctns, 50 crts, Capetown; 140 ctns, Port Elizabeth; 320 ctns, 50 crts, East London; 200 dms, 40 ctns, Durban; 200 dms, 200 cs, 175 cs, 175 crts, Lourenco Marques; 25 crts, Beira; (Derrymore) 40 cs, 25 dms, Shanghai; 5 dms, Takubar; 50 dms, 10 cs, Dairen; 75 dms, Hongkong; (Naumburg) 32 dms, 95 cs, Auckland; 80 dms, 100 cs, Wellington; 43 dms, 70 cs, Lyttelton; 20 dms, 38 cs, Dunedin; 555,371 lbs, 187 dms, 34 cs, South America, Antwerp; 897 bbls, 28 dms, Garonne, Bilbao-Pasages; 887 bbls, Regent Panther, Valencia-Barcelona
KEROSENE—(Silverfir) 501 cs, Massawa; 20 dms, Bombay; 25 bbls, Magister, Kingston; (Husvik) 3,075 cs, Kingston; 250 cs, Morant Bay; (Naumburg) 1,000 cs, Auckland; 1,000 cs, Wellington; 350 cs, Lyttelton; 350 cs, Dunedin; 6,355 bbls, South America, Antwerp
NAPHTHA—1 dm, South America, Antwerp
OIL—150 dms, Derrymore, Shanghai
FUEL — 4,000 dms, Salabangka, Majunga; 7,270 bbls, South America, Antwerp; 60,423 bbls, Cleopatra, Flushing; 61,940 bbls, Ferm, River Thames-River Medway
GAS—12 bbls, Silverfir, Jeddah; 57,911 bbls, Regent Lion, Coryton-River Thames-Avonmouth; 3,500 dms, Naumburg, Auckland-Wellington-Lyttelton-Dunedin; 3,977 bbls, South America, Antwerp
LUBRICATING—73 dms, Meline, Bordeaux; (Magister) 20 dms, Puerto Limon; 1,099 dms, 95 cs, Barranquilla; 21 dms, 8 cs, Cristobal; 22 dms, 56 cs, Buenaventura; 1 cs, La Libertad; 454 dms, 796 cs, Kingston; (Derrymore), 2,500 dms, Yokkaichi; 560 dms, Shanghai; (Naumburg), 1,468 dms, 3,194 cs, Auckland; 1,286 dms, 1,254 cs, Wellington; 1,279 dms, 755 cs, Lyttelton; 469 dms, 605 cs, Dunedin; 16,452 bbls, 60 dms, South America, Antwerp; 1,316 dms, Garonne, Bilbao-Pasages; 637 dms, Regent Panther, Valencia-Barcelona
LUBRICATING, BLACK—(Silverfir) 60 dms, 30 ctns, Karachi; 175 dms, 10 ctns, Bombay; 5 dms, Madras; 195 dms, 15 ctns, Calcutta; (Salabangka) 24 dms, Port Elizabeth; 250 dms, Lourenco Marques
LUBRICATING, PALE—(Silverfir) 330 dms, 45 cs, Alexandria; 10 cs, 1 cs samples, Aden; 1 bx, Djibouti; 929 dms, 505 cs, Karachi; 1,408 dms, 453 cs, Bombay; 1,275 dms, 20 cs, Madras; 1,282 dms, 479 cs, Calcutta; (Salabangka) 30 dms, 36 ctns, Capetown; 200 ctns, Port Elizabeth; 110 ctns, Durban; 100 dms, Beira; 585 dms, Majunga
PAINT, PREPARED—2 dms, Magister, Kingston
SOLVENT — 15 bbls, Magister, Kingston; (Naumburg) 15 dms, Auckland; 50 cs, Wellington; 50 cs, Lyttelton; 50 dms, 1,000 cs, Dunedin
PARAFFIN—(Naumburg) 100 cs, Auckland; 25 cs, Wellington; 10 cs, Lyttelton; 10 cs, Dunedin; 1,334 bgs, Regent Panther, Valencia-Barcelona
PETROLEUM, CRUDE—75,929 bbls, Meline, Bordeaux
WAX DRESSING, LIQ—(Silverfir) 5 cs, Karachi; 15 cs, Bombay; 15 cs, Calcutta; 5 cs, Magister, Kingston

San Francisco Exports

Clearance Dates

Canadian Reefer, April 14; City of Norfolk, April 8; City of Pittsburg, April 10; Granville, April 11; Kiyokawa, April 14; La Placentia, April 8; Marken, April 14; Nitiei, April 7; President Cleveland, April 7; President Harrison, April 15; Rosebank, April 12; Silveray, April 8; Toei, April 14; Villanger, April 11; Yamabiko, April 13

ABRASIVE PAPER—2 cs, President Cleveland, Shanghai; 1 cs, Kiyokawa, Cuba
ACETONE—1 cs, President Cleveland, Kunming
ACID, SULPHURIC—1 cs, Marken, Al Khobar
AMMONIA, ANHYD—45 cyls, President Cleveland, Manila; 370 cyls, Marken, Belawan; 30 cyls, President Harrison, Singapore
CHLORIDE—1 dm, President Cleveland, Yokohama
COMPOUND—1 cs, President Cleveland, Manila
ASPHALT—1,721 dms, President Cleveland, Manila; (Silveray) 567 dms, Sourabaya-Samarang - Cheribon - Batavia - Belawan; 1,721 dms, Manila; 133 dms, Madras; 512 dms, Colombo; 740 dms, Bombay; (Granville) 271 bbls, 5,018 cs, Manila; 3,545 dms, Batavia; (Marken) 60 dms, Al Kho-

ASPHALT (Continued):—
bar; 7 dms, Bahrein; 3,151 dms, Karachi; 7,576 dms, Batavia-Samarang-Sourabaya; 607 dms, Madras; 492 dms, Colombo; (President Harrison) 20 dms, Hongkong; 250 dms, Singapore
GILSONITE—72 sks, President Harrison, Osaka
LIQUID—3 pls, Marken, Al Khobar
BIOLOGICALS—6 cs, President Harrison, Hongkong
BLACK, CARBON—1,000 sks, President Cleveland, Shanghai; 5 cs, Silveray, Batavia; 160 sks, Rosebank, Vancouver
BLUE, LAUNDRY—2 cs, Marken, Manila
BONE ASH—5 bbls, Rosebank, Vancouver
BORAX—1 cs, President Cleveland, Manila
CARBON, DECOLORIZING—1 bdl, President Cleveland, Hongkong; 1 bdl, City of Norfolk, Panama
SHELL—589 sks, President Harrison, Yokohama
TETRACHLORIDE—6 dms, Marken, Al Khobar
CEMENT, RADIATOR—66 cs, La Placentia, Shellburn
CHALK, PREP—2 cs, President Cleveland, Manila
CHEMICALS—(President Cleveland) 2 cs, Kunming; 12 dms, Osaka; 108 cs, Shanghai; 8 cs, Hongkong; 1 cs, Marken, Al Khobar; (President Harrison) 1 dm, 2 cs, Yokohama; 60 cs, Hongkong
CHLORINE BLEACH, LIQ—8 cs, President Cleveland, Manila; 7 cs, Marken, Manila
CLEANER—160 cs, La Placentia, Shellburn; (Rosebank) 2 cs, Manila; 105 dms, Vancouver; 72 cs, President Cleveland, Manila; (Marken) 1 dm, 1 cs, Al Khobar; 1 cs, Iloilo; 10 cs, Manila
COCOA BUTTER—2 cs, President Harrison, Yokohama
COLLODION—1 cs, President Cleveland, Kunming
COLOR, DRY—3 bbls, Marken, Al Khobar; 3 bbls, Kiyokawa, Cuba
CREAM TARTAR—1 bdl, Marken, Iloilo
DENTIFRICE—10 cs, President Cleveland, Hongkong; 30 cs, President Harrison, Singapore
DICHLORODIFLUOROMETHANE — 2 dms, President Cleveland, Manila
EPSOM SALT—1 cs, President Harrison, Zamboanga
FILTER CLOTH—3 cs, President Cleveland, Manila
PAPER—1 cs, President Cleveland, Kunming
FLUX—7 cs, President Harrison, Manila
FLYSPRAY—5 cs, President Cleveland, Hongkong; 6 dms, La Placentia, Shellburn
GASOLINE—3,500 bbls, Nitiel, Tokuyama; 3,500 bbls, Toei, Kure; 250 dms, Granville, Manila
GLUCOSE—60 bbls, City of Pittsburg, Philippine Islands
GLUE—41 pls, Rosebank, Vancouver
VEGETABLE—1 csk, Rosebank, Vancouver
GREASE—1 dm, La Placentia, Shellburn
LUBRICATING—12 bbls, President Cleveland, Hongkong; (Silveray) 11 dms, 10 cs, Sourabaya; 10 dms, Batavia; 150 cs, 7 dms, 12 half dms, 40 qtr dms, 225 pls, La Placentia, Shellburn; (City of Pittsburg) 30 dms, Philippine Islands; 100 pls, China; 10 dms, Granville, Fremantle; (Marken) 5 pls, Karachi; 40 dms, Bahrein, (President Harrison) 10 dms, Singapore; 10 dms, Penang
MINERAL—1 cs, Marken, Manila
HOPS—1 cs, President Cleveland, Hongkong; 5 bls, President Harrison, Bangalore
INK, FINGER-PRINTING—1 cs, Marken, Al Khobar
MARKING—5 cs, President Harrison, Manila
PRINTING—(President Cleveland) 8 dms, 1 pl, Hongkong; 1 dm, 2 kits, Manila; 1 cs, Silveray, Manila; 1 cs, City of Norfolk, Colon
WRITING—130 cs, President Harrison, Bangkok
INSECTICIDE—1 cs, Silveray, Manila; 12 cs, Marken, Al Khobar; 90 cs, President Harrison, Hongkong
KELP—4 bls, President Cleveland, Hongkong
KEROSENE—1 dm, Silveray, Manila; 500 dms, Marken, Saigon
LACQUER THINNER—20 dms, 25 cs, Granville, Manila
LEAD, FOIL—3 cs, Silveray, Manila
RED—200 kegs, President Cleveland, Manila; (President Harrison) 23 kegs, Tientsin; 21 dms, Manila
WHITE—400 kegs, President Cleveland, Manila
LIGHTER FLUID—156 cs, La Placentia, Shellburn
LIME, CRSHD—2 sks, Rosebank, Blubber Bay
LITHARGE—(President Harrison) 23 kegs, Tientsin; 14 dms, Manila
MAGNESIA CARBONATE—5 bbls, Rosebank, Vancouver
HYDROXIDE—2 dms, Rosebank, Vancouver
MANGANESE SULPHATE—1 sk, Rosebank, Vancouver
MEDICINAL PREPS—2 cs, Silveray, Masbate; 17 cs, President Harrison, Manila
METASILICATE—3 bbls, Marken, Al Khobar
METHANOL—1 cs, President Cleveland, Kunming
MILK POWDER—(President Cleveland) 28 bbls, Manila; 7 bbls, Shanghai
MINERAL SPTS—10 dms, Silveray, Manila
MINERALS—2 sks, President Cleveland, Tokyo
NITROCELLULOSE—2 dms, Rosebank, Victoria
OIL, COCONUT—10 dms, Kiyokawa, Colombia
COTTONSEED—50 dms, President Harrison, Zamboanga
CYLINDER—5 dms, President Cleveland, Hongkong; 4 dms, Silveray, Sourabaya
FISH—8 pls, President Cleveland, Manila
FUSEL, CRUDE—21 dms, Yamabiko, Osaka
FUSEL, REFINED—40 dms, Yamabiko, Osaka
LUBRICATING — (President Cleveland) 340 dms, Shanghai; 75 dms, 35 cs, Hongkong; (Silveray) 65 dms, Manila; 1 cs, 1 dm, Batavia; 23 dms, Sourabaya; 100 dms, Bombay; 75 dms, Madras; 20 dms, Singapore; 20 cs, 150 dms, La Placentia, Shellburn; 150 dms, 50 cs, City of Pittsburg,
OIL, LUBRICATING (Continued):—
China; (Granville) 30 dms, Fremantle; 320 dms, Hongkong; (Marken) 1,028 dms, Karachi; 16 cs, Al Khobar; 5 dms, 1 cs, Sourabaya; 4 dms, Bahrein; 20 dms, Port Swettenham; 225 dms, Madras; (President Harrison) 35 cs, Hongkong; 75 dms, Penang; 10 dms, Manila; 315 dms, Singapore; 160 dms, Bombay; 465 dms, Penang
STOCK, STEAM-REFINED—10 bbls, Villanger, Belgium
ORANGE—1 cs, President Cleveland, Manila
PAINT—2 cs, Kiyokawa, Cuba
RAPESEED—10 dms, La Placentia, Shellburn
PAINT—(President Cleveland) 164 cs, 143 kgs, 2 dms, Manila; 9 cs, 66 kgs, Bangkok; 210 kgs, 2 cs, Granville, Manila; (Kiyokawa) 216 cs, 6 kgs, Guatemala; 10 cs, Venezuela; 10 dms, 18 cs, Colon; 24 cs, Cuba; (President Harrison) 37 pls, 4 cs, Hongkong; 20 dms, Singapore
PREPARED—36 cs, President Cleveland, Manila; 1 cs, Rosebank, Vancouver; 4 kgs, Kiyokawa, Cuba
THINNER—2 cs, Kiyokawa, Cuba
PARAFFIN — 700 sks, President Cleveland, Hongkong; 271 sks, Rosebank, Vancouver
PASTE—2 cs, Rosebank, Victoria
PETROLEUM—25 cs, Silveray, Madras; (President Harrison) 1 cs, Singapore; 2 cs, Penang
CRUDE — 83,500 bbls, Nitiel, Tokuyama; 83,500 bbls, Toei, Kure; 78,000 bbls, La Placentia, Shellburn
PRODUCTS — 64 dms, Canadian Reefer, Palestine
POLISH—(President Cleveland) 1 cs, Yokohama; 4 cs, Manila; 6 cs, Shanghai; (Marken) 3 cs, Iloilo; 24 cs, Manila
QUICKSILVER — 1 cs, President Harrison, Yokohama
RUST PREVENTATIVE—60 cs, La Placentia, Shellburn
SALT—518 tons, Rosebank, Vancouver; 200 sks, President Harrison, Hongkong
SARDINE MEAL—200 sks, Silveray, Manila
SHELLAC—5 bbls, Rosebank, Victoria
SOAP—4 cs, President Cleveland, Shanghai; 1 cs, Silveray, Masbate
FLAKE—(President Cleveland) 10 cs, Hongkong; 1 cs, Shanghai; 5 bbls, Marken, Al Khobar
LAUNDRY — 6 cs, President Cleveland, Shanghai; 8 cs, 12 bbls, Marken, Al Khobar
POWDER—3 cs, President Cleveland, Shanghai; 2 bbls, Marken, Al Khobar
TOILET—(President Cleveland) 210 cs, Hongkong; 2,003 cs, Shanghai; 60 cs, Marken, Al Khobar; 15 cs, President Harrison, Yunnanfu
SODA—25 cs, President Harrison, Hongkong
ASH—(Marken) 1 bbl, Al Khobar; 40 sks, Manila
BICARBONATE — 5 kgs, President Cleveland, Shanghai
COMPOUND — 1 cs, President Cleveland, Kunming
SILICATE—129 dms, 15 bbls, 300 sks, Rosebank, Vancouver; 533 sks, Marken, Manila; 6 bbls, President Harrison, Manila
SULPHIDE—43 dms, Rosebank, Vancouver
XANTHATE—320 dms, Rosebank, Kimberley
SOLVENT, PETROLEUM—75 dms, La Placentia, Shellburn; 1 dm, Marken, Al Khobar
STARCH, CORN—2 bbls, Marken, Al Khobar
SULPHUR — 100 sks, President Cleveland, Hongkong
DIOXIDE—4 dms, President Cleveland, Manila; 4 cyls, President Harrison, Hongkong
TAPIOCA—8 sks, Kiyokawa, Ecuador
TOILET PREPS—4 cs, City of Norfolk, Panama; (Marken) 11 cs, Baghdad; 96 cs, Singapore; 3 cs, Manila; 2 dms, President Cleveland, Hongkong; (President Harrison) 3 cs, Bangkok; 3 cs, Hongkong
VARNISH—4 cs, President Cleveland, Bangkok; 1 cs, Rosebank, Victoria; (Kiyokawa) 2 dms, Guatemala; 2 cs, Cuba
ALUMINUM—2 dms, 10 cs, President Cleveland, Bangkok
REMOVER—3 cs, Kiyokawa, Cuba
WATER, MINERAL—400 cs, President Cleveland, Manila
WAX, PASTE — (President Harrison) 7 pls, Hongkong; 1 cs, Yokohama
YEAST—(President Cleveland) 40 cs, Kobe; 140 cs, Yokohama
ZINC DUST—95 dms, Granville, Manila

Savannah Exports

Clearance Dates

City of Derby, April 24; San Simeon, April 25

PITCH, PINE—1 dm, San Simeon, Barranquilla
ROSIN, GUM—(City of Derby) 150 bbls, Tientsin; 140 bbls, 20 dms, Hongkong; (San Simeon) 500 dms, Valparaiso; 2 dms, Port of Spain
TURPENTINE, GUM—(San Simeon) 40 dms, Valparaiso, 20 dms, 200 cs, Santiago

Tampa Exports

Clearance Dates

Albert, April 20; Binnendijk, April 23; Cuba, April 19; Dallas City, April 19; Maristella, April 20; Nishmaha, April 21; Oxelosund, April 22

DIOXIDE, LIQ—5 cyls, Cuba, Havana
GASOLINE—10 dms, Albert, Belize
PHOSPHATE—9,001 tons, Dallas City, Kobe-Osaka; 2,503 tons, Maristella, Italian ports; 1,995 tons, Nishmaha, Genoa; 7,796 tons, Oxelosund, Rotterdam; (Binnendijk) 3,997 tons, Antwerp; 1,808 tons, Rotterdam
WHITING—1 bg, Albert, Belize

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—76,158 bbls, W W Mills, Baytown
OIL, GAS—78,823 bbls, Swiftsure, Sewaren
PETROLEUM, CRUDE—88,865 bbls, Paco, Texas City; 96,317 bbls, Thermo, Texas City; 49,327 bbls, Dannedalke, Texas City; 99,310 bbls, R G Stewart, Baytown; 100,671 bbls, J A Moffett Jr, Baytown; 149,042 bbls, Wm Rockefeller, Baytown; 146,839 bbls, W S Farish, Baytown; 87,859 bbls, H M Flagler, Baytown

Los Angeles Coast Trade

GASOLINE—57,950 bbls, Dirigo, Seattle; 6,849 bbls, San Diegan, San Diego; 67,000 bbls, Camden, Seattle; 81,215 bbls, Huguenot, Seattle; 36,122 bbls, L P St Clair, Seattle; 6,125 bbls, San Diegan, San Diego
OIL, DIESEL—4,055 bbls, Emidio, Seattle; 16,174 bbls, Dirigo, Seattle; 15,729 bbls, Agwiworld, Seattle; 1,457 bbls, San
OIL, DIESEL (Continued):—
Diegan, San Diego; 8,000 bbls, Camden, Seattle; 15,738 bbls, L P St Clair, Seattle
FUEL—64,450 bbls, Emidio, Seattle; 53,337 bbls, Agwiworld, Seattle; 9,556 bbls, Texada, Tacoma; 2,315 bbls, Coast Farmer, Portland; 49,241 bbls, Topila, San Francisco; 65,264 bbls, Solana, Avon; 31,655 bbls, L P St Clair, Seattle; 65,000 bbls, Hoxbar, New York
FURNACE—6,930 bbls, L P St Clair, Seattle
GAS—9,619 bbls, La Brea, Oleum
PETROLEUM, CRUDE—66,538 bbls, La Brea, Oleum

Recent Charters

PETROLEUM——— tons, S S Cities Service, dirty, three voyages, Gulf to North of Hatteras, 30c a barrel; May
——— tons, S S Oilpioneer, dirty, California to United Kingdom, Continent; prompt
4,525 tons, S S Egero, dirty, three trips, Aruba to North of Hatteras, 6s 6d; June
3,610 tons, S S Carina, dirty, Aruba to United Kingdom, Continent, 10s 6d; May
3,421 tons, S S Binta, dirty, Anglo Saxon, six months, 6s; June
3,926 tons, Luxor, dirty, Anglo Saxon, six months, 6s; June
3,863 tons, Karabagh, dirty, Anglo Saxon, six months, 6s; June
4,525 tons, Egero, dirty, Anglo Saxon, six months, 6s; June
3,690 tons, Lustrous, dirty, Anglo Saxon, six months, 5s; June
3,690 tons, Luminetta, dirty, Anglo Saxon, six months, 5s; June
3,352 tons, S S Olympic, fixed consecutive voyages, Tampico to Houston; May
3,382 tons, S S C B Watson, clean, Gulf to North of Hatteras, 28c a barrel; May
3,595 tons, S S Alpha, clean, Gulf to North of Hatteras, 17c a barrel; May

Cargo Ship Arrivals

April 29 to May 12

New York

Aachen	Hamburg*	May 8
Alex Van Opstal	Antwerp	May 9
American Farmer	London*	May 8
American Merchant	London*	May 2
American Shipper	Manchester*	May 3
Amor	Maracaibo*	May 8
Angelina	San Juan	May 1
Anita	Santos	May 12
Antigua	Puerto Barrios*	May 4
Antonia	Liverpool	May 4
Astrid Thorden	Kotka*	May 4
Atlantic	Honolulu*	May 1
Bacchus	Ciudad Bolivar*	May 6
Balzac	Bahia*	May 1
Batory	Gdynia*	May 2
Bellona	Narvik	May 2
Benedict	Bahia*	May 3
Black Falcon	Rotterdam*	May 6
Black Gull	Rotterdam*	May 2
Brazil	Buenos Aires*	May 2
Bremen	Bremen*	May 4
Britannic	Liverpool*	May 2
California	Glasgow*	May 1
Californian	Tacoma*	May 2
Calmar	Portland	May 10
Cathlamet	Winnebah*	May 5
City of Baltimore	San Francisco*	May 2
City of New York	Capetown*	May 5
City of Newport News	San Francisco*	May 9
Coamo	Trujillo*	May 1
Collamer	Dunkirk*	May 9
Consul Corfitzon	Gefle	May 1
Cottica	Barbados*	May 4
Cristobal	Cristobal*	May 8
Drottningholm	Gothenburg	May 8
East Indian	Buenos Aires*	May 3
Emergency Aid	Seattle*	May 11
Estrella	Marseilles*	May 5
Ewa	Honolulu*	May 3
Exeter	Beirut*	May 10
Express	Istanbul*	May 8
Ferndale	Istanbul*	May 8
Fort Amherst	St John's*	May 3
Fort Townshend	Trinidad*	May 10
Gerolstein	Antwerp	May 11
Georgic	Southampton*	May 12
Glaucus	Batavia*	May 1
Gloucester City	Fowey*	May 11
Guayaquil	Port au Prince*	May 1
Hanley	Seattle*	May 10
Hansa	Hamburg*	May 12
Hokuroku	Manila*	May 12
Hollywood	Portland*	May 5
Horace Luckenbach	Seattle*	May 5
Iquassu	Santos*	May 9
Ile de France	Havre*	May 10
Ingrid	Paramaribo*	May 5
Iowan	Tacoma*	May 5
J L Luckenbach	Seattle*	May 11
Jamaica	Barranquilla*	May 3
Javanese Prince	Shanghai*	May 8
Jean Jadot	Antwerp*	May 2
Jeff Davis	Shanghai*	May 3
Kaimata	Sydney*	May 4
Kentuckian	Portland*	May 5
Korsholm	Koepmanholmen	May 10
Laconia	Liverpool*	May 8
Lafcomo	Los Angeles*	May 1
Lucia C	Trieste*	May 8
Mahimahi	Honolulu*	May 8
Mahout	Calcutta*	May 8
Maine	Mombasa*	May 5
Marchen Maersk	Manila*	May 9
Mathilda Thorden	Tallin*	May 10
Mattawin	Accra*	May 4
Mexico	Vera Cruz*	May 9
Mormacmar	Buenos Aires*	May 8
Munsterland	Hongkong*	May 4
Musa	Cristobal*	May 3
Nankai	Antwerp*	May 9
New Brunswick	Lagos*	May 11
New York	Hamburg*	May 8
Norderney	Rosario*	May 3
Nordkap	Buenos Aires*	May 7
Northern Prince	Buenos Aires*	May 10
Normandie	Havre*	May 1
Panuco	Tampico*	May 10
Paraguayo	Montevideo*	May 8
Penniand	Antwerp*	May 2
Ponce	La Romana*	May 8
Poseidon	Maracaibo*	May 4
President Garfield	Honolulu*	May 5
President Harding	Hamburg*	May 6
Puerto Rico	Ponce*	May 3
Queen Mary	Southampton*	May 8
Rex	Genoa*	May 11
Rosario	San Juan	May 8
Santa Clara	San Antonio*	May 9
Santa Inez	Chanaral*	May 1
Santa Paula	Curacao*	May 8
Santa Rosa	Curacao*	May 1
Scanmail	Gdynia*	May 4
Seatrain New York	New Orleans*	May 2
Siboney	Vera Cruz*	May 2
Silvercedar	Manila*	May 1
Silverwalnut	Hongkong*	May 9
Slesvig	Antwerp*	May 11
Stavangerfjord	Oslo*	May 9
Svanhild	Aalborg	May 1
Tai Ping	Manila*	May 1
Talamanca	Port Limon*	May 7
Tana	Santos	May 10
Texas Banker	Houston*	May 9
Torvanger	Cyprus*	May 12
Tunaholm	Gothenburg*	May 10
Tyrifjord	Alexandria*	May 8
Virginian	Portland*	May 11
Vulcania	Trieste*	May 4
Willimoto	Portland	May 10
Wind Rush	Portland*	May 8
Zarembo	Matadi*	May 6
Zaandam	Rotterdam	May 8

* And other ports

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that, products offered for import were adulterated or misbranded under the Federal food and drug act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended May 3

Agar, 1 bale; contains non-permitted color.

Almonds, bitter, 50 bags; restricted use.
Chlorophyl, 16 packages; restricted use.
Codliver oil, 100 barrels; deficient in Vitamins A and D.
Medicinal preparations, 4 packages; new drug.
Medicinal preparations, 1 package; false therapeutic claims.

Baltimore

Week Ended May 3

Caraway seed, 600 bags; filthy.
Codliver oil, 25 barrels; restricted use.

Boston

Week Ended May 3

Medicinal preparations, 2 packages; false therapeutic claims.

Philadelphia

Week Ended May 3

Medicinal preparation, 1 package; false therapeutic claims; new drug.
Thyme leaves, 29 bales; filthy.

Drug Law Guaranty Form Modeled by Trade Groups

—Continued from page 3

those contained in the Federal food, drug and cosmetic act, as said act and such laws are constituted and effective at the time of such shipment or delivery, or will be an article which may not, under the provisions of section 404 or 505 of said act, be introduced into interstate commerce.

This guaranty shall be a continuing guaranty and shall be binding upon the undersigned with respect to all foods, drugs, devices and cosmetics shipped or delivered to you by the undersigned (including goods in transit), before the receipt by you of written notice of the revocation thereof.

Dextra-Cola Registration Refused Corn Product Co.

OPD Washington Bureau
May 8, 1939

The Corn Products Refining Company, New York, today lost its appeal to the Court of Customs and Patent Appeals from the decision of the Patent Office refusing registration of "Dextra-Cola" as a trademark for soft drink syrup. The registration was contested by the Coca-Cola Company and the Patent Office held that the two marks were confusingly similar and that the Corn Products company adopted its mark with full knowledge of the existence of the Coca-Cola trademark.

BIMS of Boston Headed by R. C. Kelly

The BIMS of New York has issued a charter to a Boston group. The executive committee of the "Bims of Boston" consists of the following:—Chairman, Robert C. Kelly, manufacturers' agent; Frank Langloid, of the United Drug Company, and Peter Niles, of Fritzsche Brothers.

Members of the general committee are:—George E. Esslinger, of the United Drug Company; F. J. Hailer, of the United Drug Company; Steve Higgins, of the Dennison Manufacturing Company; Peter Stengel, manufacturers' agent; Ralph Stewart, of the Boston Blacking & Chemical Company, and Martin Schultes, of the Hewitt Soap Company, New York, chairman of the parent organization, who is an honorary member of the Boston general committee.

Penick Distributing Guide For World Fair Visitors

S. B. Penick & Co., botanical drugs, this city, is supplying its business friends with one hundred and eleven-page guide book to New York City and the World's Fair. The book is a mine of information for those attending the fair and is profusely illustrated with maps, pictures of places and persons, and illustrations of many of the buildings and exhibitions at the fair. The company offers this guide book that its friends' sojourn in this city may be as enjoyable as possible.

Sulphonated Oil Assn. to Golf At Absecon May 24-25

The Sulphonated Oil Manufacturers Association will hold its Spring outing at the Seaview Golf Club, Absecon, N. J., May 24-25. Special American plan rates have been arranged with the club at $10 per day. H. B. Sweatt, secretary of the association, 55 West Forty-second street, this city, is in charge of arrangements and hotel reservations.

Golden Gate Paint, Varnish and Lacquer Association observed its eighteenth anniversary April 28 with a luncheon in the Palace hotel.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c. for each additional 6 words
Payable in advance at 59 John Street, New York

Agents Wanted

ORGANIC FERTILIZERS: — Sales agent wanted for organic fertilizers and specialty castor meal, c.i.f. U.S.A. ports. Vitex, Antwerp (Belgium). Cable address:—Concentra-Antwerp.

Equipment Offered

CONSOLIDATED OFFERS — one 24-inch Mikro pulverizer; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Now liquidating the former Amalgamated Dyestuffs Corp., Newark, N. J. Send for complete list. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

COPPER SET kettles, two, 175-gallon, with steel fire chambers; one 175-gallon steel hemispherical kettle with truck; tinned copper storage tanks 35 to 175 gallon; also copper steam jacketed kettles. Brighton Copper Works, Cincinnati, Ohio.

FIND what you want right in New York City. Pony mixers, post mixer, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storm-Harvey Equipment Company, 123 Bleecker street. SPring 7-8955.

Equipment Wanted

WANTED: One used 10-gallon, all steel, porcelain lined pebble mill, preferably Abbe, complete with wet discharge cover, tight and loose drive arrangement, stand and pebbles. Must be in first class condition. Give full details in first letter, including price. BOX 398, Oil Paint and Drug Reporter.

Factories Offered

BRICK FACTORY.—4,000 sq. ft. or more, will be erected to suit your requirements, railroad siding, yard, 24-hour live steam available. Reasonable rent. Unrestricted location. Fifteen minutes Manhattan. R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Financing Sought

ESTABLISHED TECHNICAL waterproofing concrete and allied paint products concern requires international paint, chemical manufacturer to produce and finance greater local, and international tremendous sales markets opportunities. These technical "Volsonite" products have proven their value above all others in the building industry. P. O. BOX 628, Pasadena, California.

Materials Offered

CELLULOSE ACETATE solution, 9 ounce, old, good condition; also old cellulose acetate flake and powder, large quantities, very low prices. Henry K. Fort Co., 2227 N. American street, Philadelphia.

Positions Vacant

CHEMIST WANTED by established Southern organization, well versed in manufacture of cement, casein water paints. Must be progressive and able to work harmoniously with associates. Please give complete details first letter. BOX 391, Oil, Paint and Drug Reporter.

SALESMAN WANTED with following among leading jobbers, retail paint stores, and industrial trade. To take on full time or side line of permanent Green paint in 5 shades. Drawing account against good commission. BOX 399, Oil, Paint and Drug Reporter.

Positions Wanted

PAINT MAN: Nineteen years experience one firm in production and plant operating, desires position in same capacity. Best of references. Any location. Opportunity. BOX 271, Oil, Paint and Drug Reporter.

SALES EXECUTIVE, many years experience successfully selling raw materials to paint and allied industries, desires connection where opportunity for capitalizing upon his abilities exists. Hard working producer, with technical training and background; many years actual sales experience. BOX 392, Oil, Paint and Drug Reporter.

SUPERINTENDENT, factory manager or chemist. More than twenty-five years of technical and practical experience in the formulating and manufacture of industrial, maintenance, marine paints and varnishes, shelf goods, architectural finishes for the master painter. Graduate chemist. BOX 393, Oil, Paint and Drug Reporter.

Positions Wanted

CONNECTION is desired immediately by a thoroughly trained and experienced paint chemist and formulator. Development and production experience large. Extensive knowledge in industrials, maintenance and whites at quality or competitive prices. BOX 394, Oil Paint and Drug Reporter.

SALESMAN — Paints, varnishes, colors, over 25 years selling experience with good following among leading jobbers, retail paint stores, parquet flooring manufacturers, metropolitan area, wishes to connect with first-class manufacturer—commission basis. BOX 395, Oil, Paint and Drug Reporter.

PAINT varnish maker wants position as superintendent paint and varnish factory. Makes the very best flat whites, gloss whites enamels, varnishes and full line on the market today. Will submit samples. BOX 396, Oil, Paint and Drug Reporter.

SALESMAN - EXECUTIVE experienced marketing industrial chemicals, agricultural chemicals, oils, solvents, pigments, colors and allied lines, acquainted with trade throughout the country. Open for position as salesman or sales executive. BOX 397, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers — if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also purchase complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Current Market Quotations

—Continued from page 25

Yellow, Ocher—Zirconium

Yellow, ocher, French, all shades, cks., l.c.l., Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis	lb.	.03¾- —
New York	lb.	.02¾- —
Pittsburgh	lb.	.03¼- —
Portland, Seattle	lb.	.03¾- —
San Pedro, S. Francisco	lb.	.03¼- —
f.o.b. N. Y., from dock,	lb.	.02¾- —
from whse.	lb.	.02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04½- —
l.c.l., same basis		.04¾- —
synth., bbls., c.l., works	lb.	.06½- —
l.c.l., same basis	lb.	.04¾- —
Persian orange (see O).		
Zinc, bbls., same basis chrome CP. contracts	lb.	.18 - —
open order	lb.	.19 - —
Yellow dock root, bls.	lb.	.09 - .10
Yellow root (xanthoriza) bls.	lb.	.09 - .10
Yerba santa leaves, bls.	lb.	.07½- .08
Yohimbine hydrochloride, vis.	oz.	2.50 - 2.55

Z

Zinc acetate, tech., bbls., works,	lb.	.15 - .16
USP, bbls., 250 lbs.	lb.	.27 - —
kgs., 100 lbs.	lb.	.29 - —
Zinc, arsenite, bgs., c.l., dealers, E. of Rockies	lb.	.12 - —
l.c.l., bags	lb.	.12½- —
Zinc arsenite prices are on a frt. alld. basis to dest. in lots of 96 lbs. or over.		
Carbonate, tech., bbls.	lb.	.14 - .16
USP, precip., powd., bbls.	lb.	.31 - —
dms.	lb.	.36 - —
kgs.	lb.	.33 - —
Chloride, fused, dms., c.l., works, 100 lbs.		4.25 - —
l.c.l., works, 100 lbs.		4.60 - —
gran., dms., c.l., works, 100 lbs.		5.00 - —
l.c.l., dms., works, 100 lbs.		5.75 - —
USP, 200-lb. dms.	lb.	.25 - —
25-lb. jars	lb.	.31 - —
solut., dms., wks.	lb.	.04½- —
tanks	lb.	.0226- —
Cyanide, kgs., works	lb.	.33 - —
Dust, bbls., c.l., dlvd.	lb.	.06½- —
l.c.l., bbls., dlvd.	lb.	.07 - —
Fluoride, bbls.	lb.	.20 - .25
Iodide, N.F., bots.	lb.	4.85 - —
jars	lb.	4.20 - —
Metal (see daily quotations in Market report)		
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
ex whse., Pac. cst.,	lb.	.06¼- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
Zinc oxide, American, leaded, 5%, bgs., c.l., dlvd.	lb.	.06½- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- —
ex whse., Pac. cst.	lb.	.06¾- —
35%, bgs., c.l., dlvd.	lb.	.06 - —
l.c.l., dlvd., except Pac. cst.	lb.	.06¼- —
ex whse., Pac. cst.	lb.	.06¼- —
bbls., c.l., dlvd.	lb.	.06¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.06½- —
ex whse., Pac. cst.	lb.	.06½- —
50%, bgs., c.l., dlvd., except Pac. cst.	lb.	.0606- —
Pac. cst.	lb.	.0612- —
l.c.l., dlvd., except Pac. cst.	lb.	.0631- —
ex whse., Pac. cst.	lb.	.0631- —
bbls., c.l., dlvd.	lb.	.0631- —
l.c.l., dlvd., except Pac. cst.	lb.	.0656- —
ex whse., Pac. cst.	lb.	.0656- —
French process, com'l. lead free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
ex whse., Pac. cst.	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
green seal, bgs., c.l., dlvd.	lb.	.08 - —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08¼- —
bbls., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08½- —
ex whse., Pac. cst.	lb.	.08½- —
red seal, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd., except Pac. cst.	lb.	.07¾- —
ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., dlvd.	lb.	.07¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.08 - —
ex whse., Pac. cst.	lb.	.08 - —
white seal, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¾- —
ex whse., Pac. cst.	lb.	.08¾- —
bbls., c.l.	lb.	.08¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.09 - —
ex whse., Pac. cst.	lb.	.09 - —
import, gold seal, cks., ex whse.	lb.	.13 - .14
green seal, bbls., ex whse.	lb.	.10 - —
white seal, cks., ex whse.	lb.	.11 - .12½
USP, bbls., c.l.	lb.	.09½- —
Palmitate, bbls.	lb.	.23 - .25
Resinate, fused, pale, bbls.	lb.	.10 - —
precip., dms., dlvd.	lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 - —
l.c.l., 1 ton	lb.	.21 - —
1,000-2,000 lbs.	lb.	.22 - —
less than 1,000 lbs.	lb.	.23 - —
U.S.P., bbls.	lb.	.21 - .28
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 - —
l.c.l.	100 lbs.	3.50 - —
bbls., c.l.	100 lbs.	2.90 - —
l.c.l.	100 lbs.	3.65 - —
/ake, bgs., c.l.	100 lbs.	3.10 - —
l.c.l.	100 lbs.	3.85 - —
bbls., c.l.	100 lbs.	3.25 - —
l.c.l.	100 lbs.	4.00 - —
Zinc sulphate, powd. bgs. c.l.	100 lbs.	4.35 - —
l.c.l.	100 lbs.	5.10 - —
bbls., c.l.	100 lbs.	4.50 - —
l.c.l.	100 lbs.	5.25 - —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.07⅞- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¼- —
bbls., c.l. (20 tons), dlvd.	lb.	.08½- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¾- —
Sulphocarbolate, NF, bbls.	lb.	.24 - .28
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15 - —
l.c.l., works	100 lbs.	5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd., except Pac. cst.	lb.	.05½- —
ex whse., Pac. cst.	lb.	.05½- —
Zirconium nitrate, kgs., works.	lb.	3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works	ton.	75.00 -100.00
white, 98%, rgd., kgs., works,	lb.	1.30 - 2.00

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the May 1 issue; the next printing will be in the June 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 39.

SD No. 1 Alcohol Ruled On Proprietary Antifreeze

—Contnued from page 5

such rust inhibitors as have already been approved and a distinctive color if they desire.

The change is the result of a conference held in Washington, April 6, between the Department of Treasury officials and a committee of the alcohol industry at which it is understood some industry representatives asked for the restoration of methanol as a denaturant for completely denatured alcohol and also asked authority to make proprietary antifreeze from SD formula No. 30 which contains only ten parts of pure methanol not of denaturing grade.

Treasury officials were reluctant to discuss the new ruling because of an incident some five years ago when restoration of wood alcohol as an antifreeze denaturant was approved but later revoked because of unfavorable public reaction based on deaths caused by poison bootlegged liquor.

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Mallinckrodt Wins Bowling Race

Mallinckrodt Chemical Works bowling team won the New York Wholesale Drug Bowling League tournament for the fifth consecutive year by capturing the final three games of the schedule last week. The team enjoyed a three game lead going into the final competition, and emerged with the same lead. The final standings will be available next week.

Third World Petroleum Congress will be held in Berlin, Germany, June 9 to 15.

Index to Advertisements

Advance Solvents & Chemical Corp.... 66
Alexander, Jerome..... 44
Allied Asphalt & Mineral Corp..... 42
American Agricultural Chemical Co... —
American British Chemical Supplies, Inc. 38
American Can Co..... 8
American Cyanamid & Chemical Corp. 10, 11
American Flange & Mfg. Co., Inc..... —
American Potash & Chemical Corp.... —
Anderson-Prichard Oil Corp..... —
Ansbacher Siegel Corp..... —
Apex Chemical Co., Inc..... —
Atlantic Coast Fisheries Corp. of N. Y. 40
Atlantic Refining Co..... —
Atlas Powder Co..... —

Baker, J. T., Chemical Co..... 1
Barium & Chemicals, Inc..... 28
Barium Reduction Corp..... 28
Barrett Company.....36, 57
Bemis Bro. Bag Co..... —
Benzol Products Co..... —
Bradley, A. J., Mfg. Co..... 43
Brode Corp., The..... 46
Brown, Leland, Laboratories..... 44
Buck, Inc., Leonard J..... 15
Bureau of Chemistry..... 44
Bush, W. J. & Co., Inc..... 53

Calco Chemical Co..... —
California Fruit Growers Exchange... 19
Calvert, Robert..... 44
Carbide & Carbon Chemicals Corp.... —
Carey, The Philip Co..... —
Carpinello, M. J., Co..... 44
Casein Co. of America..... 42
Chambliss, Hardee..... 44
Chemical Solvents, C. P., Inc..... 68
Chilean Nitrate Sales Corp..... —
Church & Dwight Co..... 28
Colgate-Palmolive-Peet Co..... 49
Colledge, E. W., General Sales Agent.. —
Colman-Sewall Corp..... —
Colson Corp..... —
Colton, Arthur Co..... 66
Columbia Alkali Co..... 23
Conewango Refining Co..... —
Consolidated Products Co., Inc..... —
Continental Can Co..... —
Continental Carbon Co.....34, 35
Cooper, Charles, & Co..... 43
Crown Oil Products Corp..... —

Darling & Co..... —
Day Chemical Co..... 44
Dewey & Almy Chemical Co..... 41
Diamond Alkali Co..... 29
Dicalite Co..... —
Dickinson, J. Q., & Co..... 49
Dodge & Olcott Co..... 53
Doggett, Stanley, Inc..... —
Dow Chemical Co..... 43
Dunkel, Paul A., Co., Inc..... —
Du Pont de Nemours, E. I. & Co..1, 24, 65

Eastman Kodak Co..... —
Electrical Testing Laboratories..... 44
Electro Bleaching Gas Co..... —
Ellis-Foster Co..... 44
Emery Industries, Inc..... —

Felton Chemical Co..... 54
Fezandie & Sperrle..... —
First Machinery Corp..... 64
Fluorine Products..... —
Food Research Laboratories, Inc..... 44
Frank Vliet Co..... 51
Franks Chemical Products Co..... 42
Freeport Sulphur Co..... —
Fritzsche Bros., Inc.....52, 55
Fulton Bag & Cotton Mills..... 31

General Chemical Co..... —
General Drug Co..... —
General Dyestuff Corp..... —
General Electric Co..... —
General Petroleum Corp. of California. 38
General Plastics, Inc..... —
Gesell, R., Co., Inc..... 49
Givaudan-Delawanna, Inc..... —
Gray, William S., & Co..... 1
Gray Industrial Laboratories..... 44
Greeff, R. W., & Co., Inc..... 39
Gross, A., & Co..... 45
Grumman, J. B., & Co..... 59

Hardesty, W. C., Co, Inc..... 45
Harshaw Chemical Co..... 41
Heekin Can Co..... —
Heyden Chemical Corp..... 33
Hinde & Dauch Paper Co..... 52
Hochstadter Laboratories..... 44
Holt, C. J., & Co., Inc..... 44
Hooker Electrochemical Co..... 30
Hopkins, J. L., & Co..... 51
Huisking, Charles L., & Co., Inc..... —
Hutchinson, D. W., & Co., Inc..... 53

Imperial Oil & Gas Products Corp..... 42
Imperial Paper & Color Corp..... 41
Independent Mfg. Co..... 46
Industrial Consulting Labs. Inc..... 44
Innis, Speiden & Co..... —
International Pulp Co..... —
International Selling Corp..... 31
Irvington Smelting & Refining Works... 28

Jones & Laughlin Steel Corp..... 38
Jungmann & Co., Inc..... —

Kentucky Color & Chemical Co..... 41
Knight, B. H..... 44
Koppers Co..... 37
Krebs Pigment & Color Corp..... 43

Lake-Spiro-Cohn, Inc..... 44
Laning, E. M., & Co., Inc..... 44
Lavanburg, Fred L., & Co..... —
La Wall & Harrisson..... 44
Leonhard, Theodor, Wax Co., Inc..... —
Lueders, George, & Co..... —

Magnetic Pigment Co..... —
Magnus, Mabee & Reynard, Inc..... 53
Mallinckrodt Chemical Works..... —
Manion Steel Barrel Co..... —
Mathieson Alkali Works, Inc..... —
Mathieu, A. H., & Co..... 1
Merck & Co..... —
Metasap Chemical Co..... —
Miel, George A..... 44
Minnesota Specialty Co..... —
Molnar Laboratories..... 44
Monsanto Chemical Co..... 48
Munch, James, & Co..... 44
Mutual Chemical Co. of America..... 33

National Lead Co..... —
National Milk Sugar Co., Inc..... 49
National Rosin Oil & Size Co..... —
Natural Products Refining Co..... 33
Neuberg, William, Inc..... 49
Neville Co..... —
New Jersey Zinc Co..... —
New York Quinine & Chemical Works Inc. 6
Niacet Chemicals Corp..... 33
Niagara Alkali Co..... —
N. V. Potash Export My, Inc..... —

Oldbury Electro Chemical Co..... —
Orbis Products Corp..... 49
Orthmann Laboratories, Inc..... 44
Osborn, C. J., Co..... 42

Pacific Coast Borax Co..... 1
Pacific Vegetable Oil Corp..... —
Paramet Chemical Corp..... 39
Parsons, M. W..... 49
Pease Laboratories, Inc..... 44
Pellerano, S..... 44
Penick, S. B., & Co..... 50
Pennsylvania Coal Products Co..... —
Pennsylvania Oil Products Refg. Co.... 66
Pennsylvania Refining Co..... —
Pfaltz & Bauer, Inc..... —
Pfizer, Chas., & Co., Inc..... 27
Phelps Dodge Refining Corp..... 30
Polachek, Z. H..... 44
Potash Co. of America..... 56
Pressed Steel Tank Co..... 65
Prior Chemical Corp..... 1
Procter & Gamble.....45, 49
Products Trading Corp..... 38
Protecto-Seal Co., Inc..... —
Publicker Commercial Alcohol Co..... —
Purdy, W. S., Co., Inc..... 44
Pure Calcium Products Division..... —

Raisch, John E., & Co..... 44
Reichhold Chemicals, Inc..... 40
Reilly Tar & Chemical Corp..... 37
Republic Steel Corp..... 38
Rosenthal, H. H., Co., Inc..... 66
Rufert Chemical Co..... 55
Ryland, H. C., Inc..... 53

Sadtler, Samuel P., & Sons, Inc..... 44
St. Joseph Lead Co..... —
Schellings, C. J., & Co., Inc..... —
Schofield-Donald Co., Inc..... —
Schwabacher, S., & Co., Inc..... —
Schwarz Laboratories, Inc..... 44
Sell, Putt & Rusby, Inc..... 44
Shell Petroleum Co., Inc..... 20
Sherka Chemical Co., Inc..... —
Sherwood Petroleum Co., Inc..... 55
Skelly Oil Co..... 21
Sloman, Ira I..... 44
Smith, Kline & French Labs..... —
Snell, Foster D., Inc..... 44
Solvay Sales Corp..... 30
Sonneborn, L., Sons, Inc..... 66
Standard Alcohol Co..... 43
Standard Electric Time Co..... —
Standard Ultramarine Co..... 41
Starlight Refining Co..... 55
Stauffer Chemical Co..... 28
Stillwell & Gladding..... 44
Stroock & Wittenberg Corp..... —
Sun Oil Co..... 42
Sunola Trading Corp..... 46
Synthetic Products Co., Inc..... 42

Taintor Trading Co..... —
Tamms Silica Co..... —
Tar & Chemical Div. of Koppers Co..... 37
Texas Gulf Sulphur Co., Inc..... 57
Thornton, The F. C., Co., Inc..... —
Thurston & Braidich..... 51
Titanium Pigment Corp..... —
Todd, A. M., & Co..... —
Turner, Joseph, & Co..... 28

Union Carbide & Carbon Corp..... —
U. S. Industrial Chemicals, Inc.....17, 18
United States Potash Co..... —

Vanderbilt, R. T., Co..... —
Victor Chemical Works..... 31
Viking Distributing Co..... 41
Vitro Manufacturing Co..... —
Vlacos, Perry, Co..... 44
Vorce, L. D..... 44

Wah Chang Trading Corp..... 46
Warner Chemical Co..... 2
Wecoline Products, Inc..... 46
Weiss & Downs, Inc..... 44
White Tar Co. of N. J., Inc..... 37
Wiley & Co., Inc..... 44
Will & Baumer Candle Co..... —
Williams, C. K., & Co..... 43
Wilson & Bennett Mfg. Co..... —
Wishnick-Tumpeer, Inc..... —
Woburn Degreasing Co. of N. J..... 45
Wolf, Jacques, & Co..... —
Wood Preserving Corp..... 37

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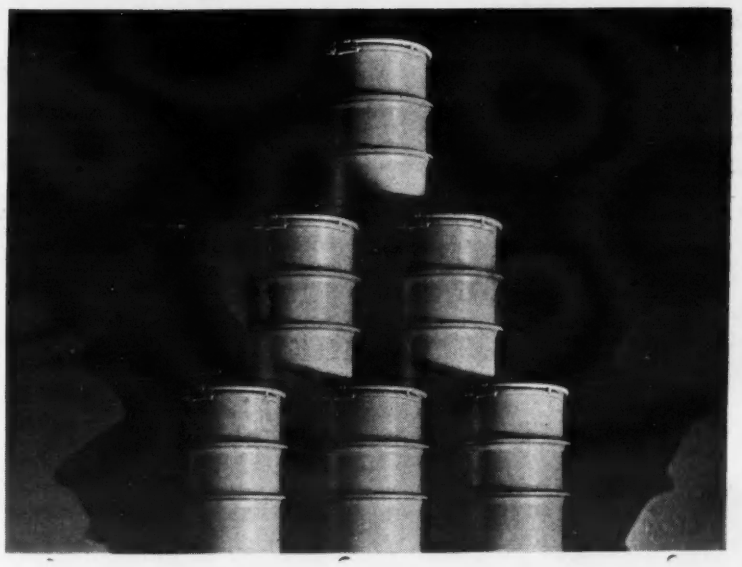

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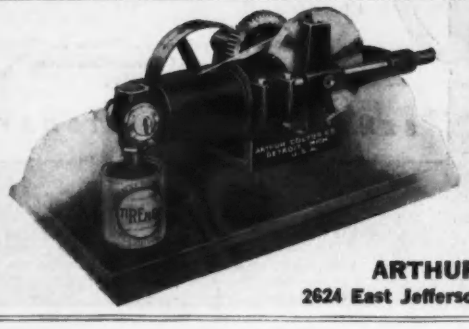

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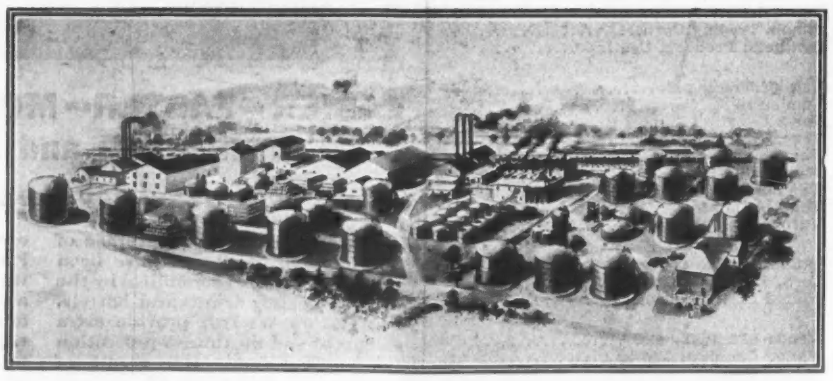

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